

EPSON Stylus® Pro 10600 Series

PRINTER GUIDE

EPSON®



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FCC Compliance Statement

For United States Users

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING

The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

For Canadian Users

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

For European Users

This product conforms to CE marking requirements in accordance with EC Directive 89/336/EEC.

WARNING

This is a Class A product. In a domestic environment this product may cause radio interference, in which case the user may be required to take adequate measures.

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Introduction

Thank you for choosing the EPSON Stylus Pro 10600—the most technologically advanced system of its kind. With its innovative ink, print head, and print engine technologies, the Stylus Pro 10600 delivers truly photographic output at print speeds faster than you ever thought possible.

Your printer is backed by one of the most comprehensive warranty programs in the industry, so you can be sure we're here if you ever need us. For details on EPSON's technical support, see "Where To Get Help" on page 3.

About Your Manuals

This *Printer Guide* provides important information on setting up your printer, selecting paper, basic operation, and replacing parts such as ink cartridges. It also tells you how to maintain your printer and provides troubleshooting tips in case you have a problem.

For additional information:

- The *Quick Reference Guide* provides a handy summary of procedures for daily use—loading paper, replacing ink cartridges, running cleaning cycles, aligning the print head, and clearing paper jams. Attach it to your printer using the included hook for easy reference.
- The electronic *Reference Guide* on the CD-ROM provides additional information about the printer, drivers, and utility software. You can read the guide using a web browser, such as Netscape® Navigator® or Microsoft® Internet Explorer, versions 3.0 or later.

Warnings, Cautions, Notes, and Tips

These symbols are used in this book:



Warnings must be followed carefully to avoid bodily injury.



Cautions must be observed to avoid damage to your equipment.



Notes contain important information about your printer.



Tips contain additional hints on how to get the most out of your printer.



To set up your printer, follow the instructions in Chapter 1.



Check the EPSON Pro Graphics web site at <http://prographics.epson.com> for new accessories and options that may become available.



Part numbers for EPSON paper are listed on page 2-2 and for ink cartridges on page 5-11.

Options and Accessories

Your EPSON Stylus Pro 10600 printer offers these optional upgrades and accessories:

Optional equipment and software

Option	Part number
EFI® Fiery® Spark Professional 2.0 Software RIP	C842912
Automatic Take-Up Reel System	C12C815251
Replacement 44-inch Take-up Reel Core	C815121
Paper Feed Spindle (Normal Tension) — 2-inch	C811133
Paper Feed Spindle (High Tension) — 2-inch	C811134
Paper Feed Spindle (High Tension) — 3-inch	C811122
Replacement Printer Cutter Blade*	C12C815271
Manual Media Cutting System**	C815182
Replacement Manual Cutter Blade (for Manual Media Cutting System)	C815192

* Replaces the blade for the printer's built-in cutter (see page 5-20 for details).

** Designed for use with heavy media, which can damage the printer's built-in cutter.

You can purchase optional equipment and software, ink cartridges, paper, and manuals from EPSON at (800) 873-7766, or you can visit the EPSON Store™ at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Check the EPSON Pro Graphics web site at <http://prographics.epson.com> for new accessories and options that may become available.

Where To Get Help



If you experience difficulty with the toll-free line or your Unit ID number, call (562) 276-1305.

EPSON provides technical support and information on the installation, configuration, and operation of professional printing products through the EPSON PreferredSM Protection Plan. Dial (888) 377-6611, 6 AM to 8 PM, Pacific Time, Monday through Friday, and 7 AM to 4 PM, Pacific Time, Saturday. Support hours and days are subject to change without notice.

Before you call, make sure you have your Unit ID number, which is included with the EPSON Preferred Protection Plan information that came with your printer. You'll also need your printer serial number and proof of purchase.

EPSON also provides technical assistance 24 hours a day through the World Wide Web. You can reach EPSON Support at <http://support.epson.com>. At this site, you can download drivers and other files, look at product documentation, access troubleshooting information, and receive technical advice through e-mail.

You can purchase ink cartridges, paper, and accessories from EPSON at (800) 873-7766, or by visiting the EPSON Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.



If you are not using Photo Printing Accelerator in your driver (see page 1-33 for details), or if you are using a software or hardware RIP, you must have a Power Macintosh G4 with a 500 MHz or higher processor and 512MB RAM to keep the printer running at full engine speed.

For optimum performance, we recommend the latest Macintosh system available with a FireWire connection.

If you are running System 8.5.1 on an iMac, Apple recommends that you download iMac Update 1.1 from their web site.

Macintosh System Requirements

To use your printer in either a standalone or peer-to-peer network environment, your system should include the requirements listed below:

- For USB connection: Power Macintosh® G3, G4, or iMac™ series (System 8.5.1 through 9.x; System 9.2.2 or later recommended)

For IEEE 1394 connection: iMac DV, G3, or G4 series (System 8.6 or later with FireWire® Update 2.1 or later)

For 10/100 BaseT Ethernet connection: iMac, G3, or G4 series (System 8.5.1 through 9.x; 9.2.2 or later recommended)

- 350 MHz processor (700 MHz or higher recommended)
- 256MB of RAM (at least 512MB recommended)
- At least 8GB available hard disk space to install the software and process files (60GB or more recommended)
- Quad-speed (4×) or faster CD-ROM or DVD drive for installing the printer software
- For USB connection: a compliant USB port and a shielded USB “AB” cable from Series A (computer) to Series B (printer), up to 6.6 ft (2 meters) long

For IEEE 1394 (FireWire) connection: a compliant IEEE 1394 port and a shielded IEEE 1394 cable

For network connection: an RJ-45 Ethernet cable



If you are not using Photo Printing Accelerator in your driver (see page 1-33 for details), or if you are using a software or hardware RIP, you must have a Pentium III 700 MHz or higher processor with 512MB RAM to keep the printer running at full engine speed.



Using an improperly shielded USB cable—especially a cable more than 6.6 ft. (2 meters) long—may cause the printer to malfunction.

Windows System Requirements

To use your printer in either a standalone or peer-to-peer network environment, your system should include the requirements listed below:

- IBM®-compatible PC with a Pentium® III 500 MHz (Pentium IV 1.3 GHz or higher processor recommended)
- For parallel connection: Windows 95, 98, Me, NT 4.0, 2000, or XP
 For USB connection: PC with USB port running Windows 98 (factory installed), Me, 2000, or XP
 For IEEE 1394 connection: PC with FireWire port running Windows Me, 2000, or XP
 For 10/100 BaseT Ethernet connection: Ethernet equipped PC running Windows 95, 98, Me, NT 4.0, 2000, or XP
- 256MB of RAM (512MB or more recommended)
- At least 50MB of free hard disk space to install the software, and at least 150MB of free hard disk space for processing files (2GB or more available hard disk space recommended)
- Quad-speed (4x) CD-ROM or DVD drive for installing the printer software
- For parallel connection: a high-speed bidirectional, IEEE-1284 compliant parallel cable, 6 to 10 ft. (1.8 to 3 m) long, with a D-SUB, 25-pin, male connector for your computer and a 36-pin, Centronics® compatible connector for the printer
 For USB connection: a computer running Windows 98, Me, or 2000 with a Windows compliant USB port and a shielded USB “AB” cable from Series A (computer) to Series B (printer), up to 6.6 ft. (2 meters) long
 For IEEE 1394 (FireWire) connection: a compliant IEEE 1394 port and a shielded IEEE 1394 cable
 For network connection: an RJ-45 Ethernet cable



ENERGY STAR Compliance

As an ENERGY STAR Partner, EPSON has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

The EPA ENERGY STAR Office Equipment program is a voluntary partnership with the computer and office equipment industry to promote the introduction of energy-efficient personal computers, monitors, printers, fax machines, and copiers in an effort to reduce air pollution caused by power generation.



Always turn the printer off using the **Power** button. When you press this button, the **Operate** light flashes briefly, then goes out. Do not unplug the printer or turn off the power to the printer until the **Operate** light is off. This ensures that the print head is safely capped.

Important Safety Instructions

Before using your printer, read the following safety instructions to make sure you use the equipment safely and effectively.

- Turn off and unplug the printer before cleaning. Clean with a damp cloth only. Do not spill liquid on the printer.
- Do not place the printer on an unstable surface or near a radiator or heating vent. Avoid areas subject to rapid changes in temperature and humidity or shock and vibrations.
- Do not place the printer near a window or in direct sunlight. Bright light can interfere with the paper sensors, causing paper jams and related problems.
- Keep the entire system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- Place the printer on a flat surface. It will not operate properly if it is tilted or at an angle.
- Do not block or cover the openings in the printer case or insert objects through the slots.
- Use only the type of power source indicated on the label.
- Connect all equipment to properly grounded power outlets. Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off. Do not use outlets controlled by wall switches or timers.

- Place the printer near a wall outlet where the plugs can be easily unplugged.

Placez l'imprimante près d'une prise de contact où la fiche peut être débranchée facilement.

- Do not let the power cords become damaged or frayed.
- If you use an extension cord with the printer, make sure the total ampere rating of the devices plugged into the extension cord does not exceed the cord's ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet's ampere rating.
- Except as specifically explained in the documentation, do not attempt to service the printer yourself. Opening or removing those covers that are marked "Do Not Remove" may expose you to dangerous voltage points or other risks. Refer all servicing in those compartments to service personnel.
- Power down the printer from the control panel, unplug the printer and refer servicing to qualified service personnel under the following conditions:

If the power cord or plug is damaged; if liquid has entered the printer; if the equipment has been dropped or the case damaged; if the printer does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.

Ink Cartridge Safety Instructions

- Do not put your hand inside the printer or touch the cartridges during printing.
- To avoid damaging the printer, do not move the print head by hand.
- Under normal circumstances, ink will not come out of the cartridge. If it does get on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.
- Keep ink cartridges out of the reach of children and do not drink the ink.
- Do not store ink cartridges at high or freezing temperatures. Keep cartridges away from direct sunlight.

- Do not dismantle the ink cartridges or try to refill them. This could result in damage to the print head.
- Install the ink cartridge immediately after you remove it from its package. Leaving the cartridge unpacked for a long time before use may result in reduced print quality.
- Do not use an ink cartridge beyond the date printed on the cartridge package. For best results, use cartridges within six months of installation.

Chapter 1: Setting Up the Printer



When choosing a place for the printer, leave adequate room for easy access and ventilation. Avoid locations subject to direct sunlight, excessive heat, moisture, or dust. Also avoid locations near potential sources of interference, such as loud speakers, cordless phones, TVs, or air conditioners.

Follow the steps in this chapter to assemble the printer, install the software, and make any necessary adjustments. You should allow at least two hours for this process.

This chapter covers the following information:

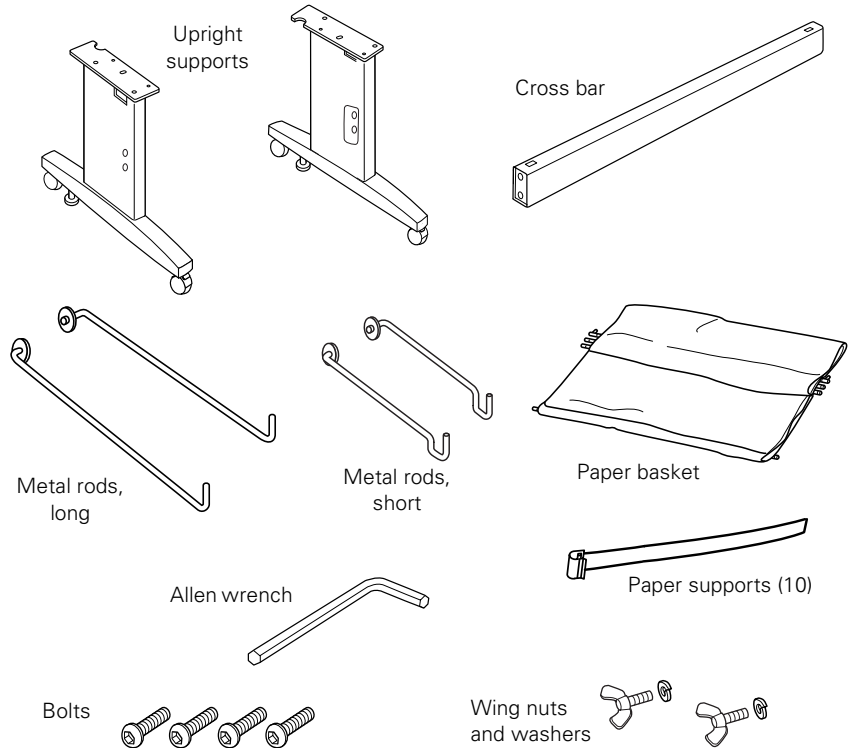
- Unpacking and assembly
- Connecting the power cord
- Installing the ink cartridges
- Loading the roll paper
- Connecting the printer to your computer
- Installing the printer software
- Optimizing print speed
- Running a nozzle check
- Aligning the print head
- Setting up the printer on a network

Unpacking and Assembly

Follow these steps to unpack and assemble your printer.

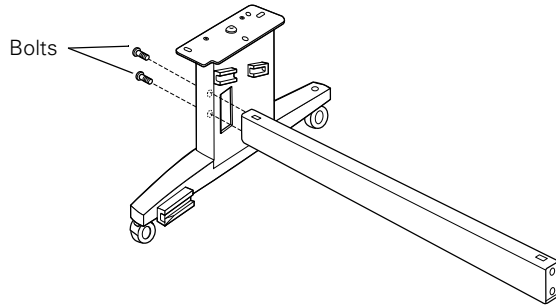
Unpacking the Stand

After unpacking the stand, make sure you have all these items:



Assembling the Stand

1. Insert the cross bar into one of the upright supports as shown. Then attach it with two bolts using the included Allen wrench. (Leave the bolts a little loose until you attach the other end.)

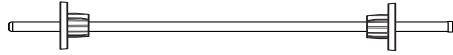


2. Attach the upright support to the other end.
3. Tighten all four bolts securely.

Unpacking the Printer

After unpacking the printer, make sure all these items are included:

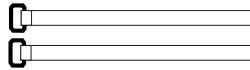
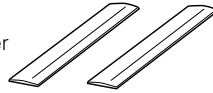
3-inch roll paper spindle



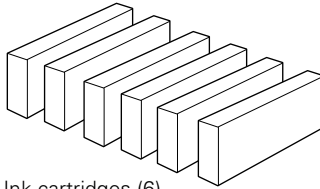
2-inch roll paper spindle
with Doubleweight Matte Paper



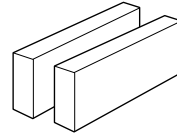
Roll paper belts for 2-inch roll paper



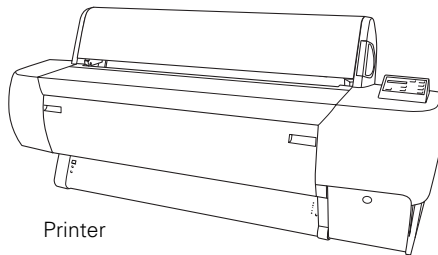
Roll paper belts for 3-inch roll paper



Ink cartridges (6)



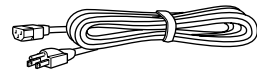
UltraChrome model only: additional black
ink cartridge and ink draining cartridge



Printer



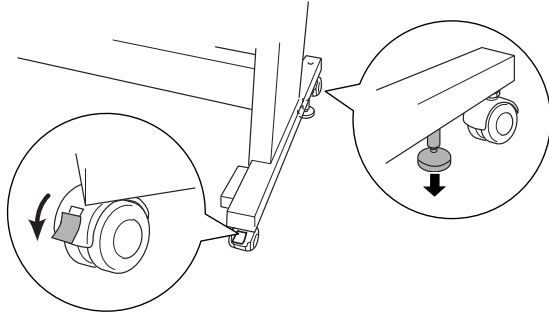
Label for ink
compartment cover



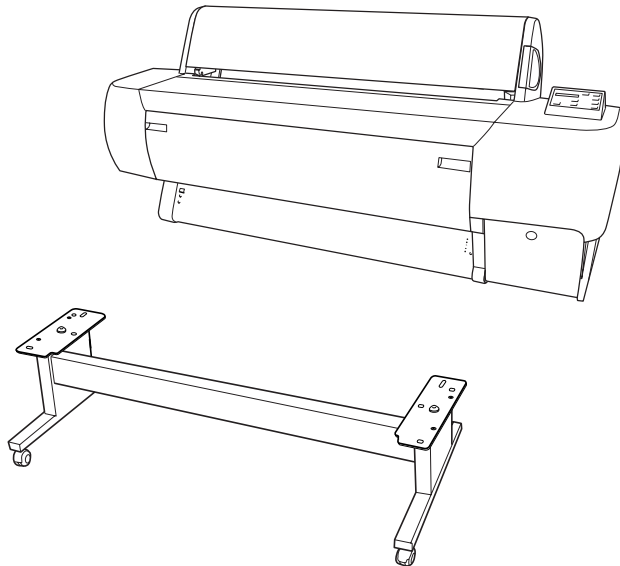
Power cord

Mounting the Printer on the Stand

1. Lock the two casters to keep the stand from rolling. Then extend the stabilizer knobs.

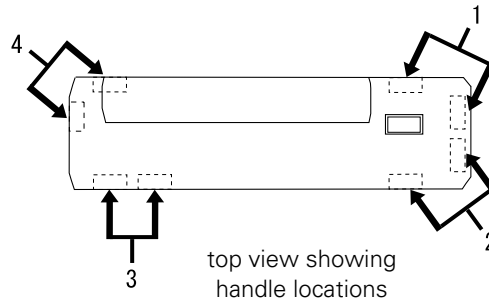


2. Orient the printer in relation to the stand as shown:



1-6 | Setting Up the Printer

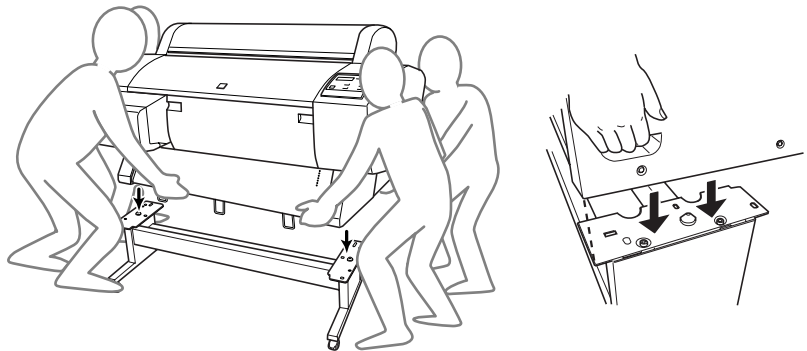
3. Locate the recessed handles, two near each corner of the printer.



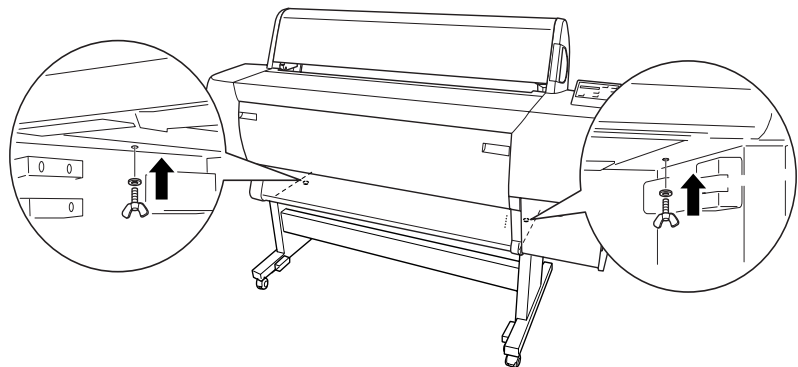
Do not attempt to lift the printer with fewer than four people.

To avoid injuring your hands, you must use the recessed handles to lift the printer.

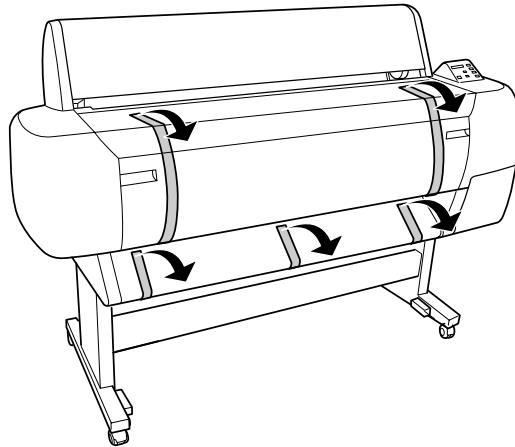
4. Using four people, grasp the handles as shown, and set the printer on the stand:



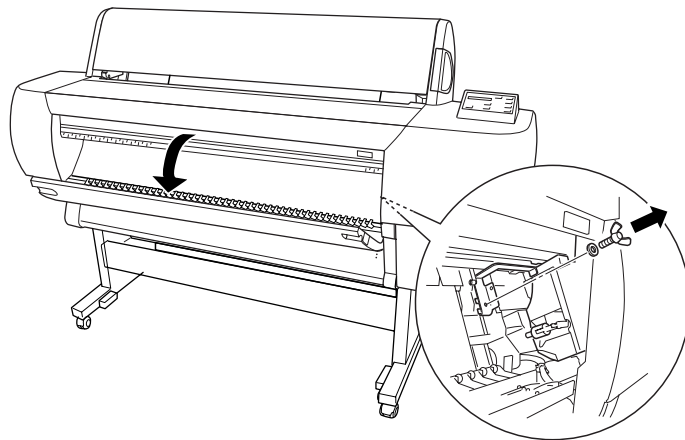
5. Fasten the printer to the stand with wing nuts and washers.



6. Remove any packing tape from the printer. Be sure to check underneath and on the sides.



7. Open the front cover and remove the wing screw and washer from the print head. Save these parts in case you need to ship the printer.

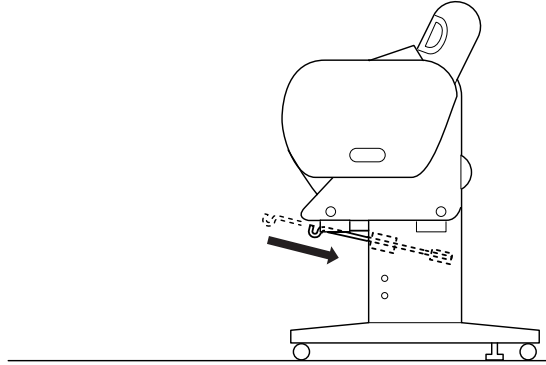


When choosing a place for the printer, leave adequate room for easy access and ventilation. Avoid locations subject to direct sunlight, excessive heat, moisture, or dust. Also avoid locations near potential sources of interference, such as loud speakers, cordless phones, TVs, or air conditioners.

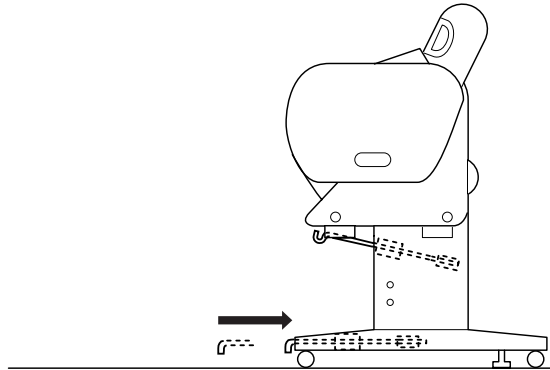
8. Close the front cover.
9. Raise the stabilizer knobs and unlock the casters. Then move the printer to its place of use. (The casters are meant for moving the printer only over a short distance.) Lock the casters and extend the stabilizer knobs after moving.

Attaching the Basket

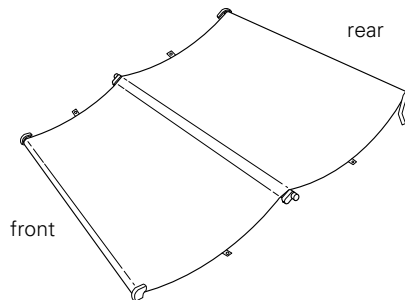
1. Attach the short metal rods to the upper guides:



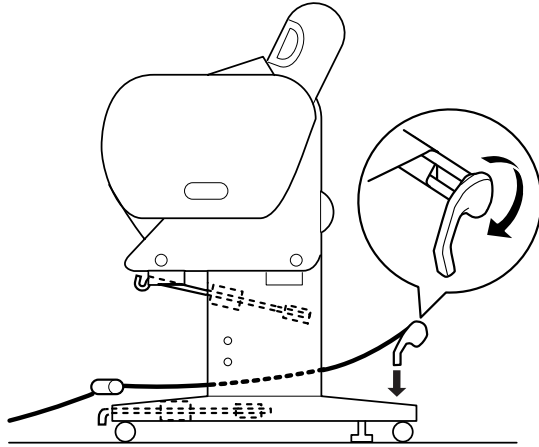
2. Attach the long metal rods to the lower guides:



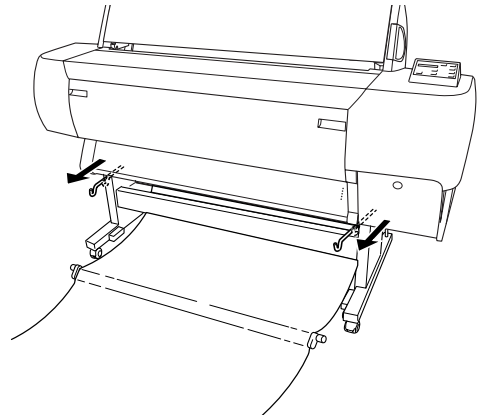
3. Turn the basket so its seams face downward, and spread it on the floor.



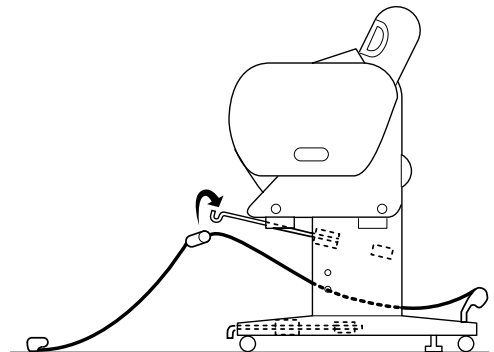
4. Pass the rear part of the basket under the printer. Rotate the bar one revolution so that the fabric folds around the bar. Then insert its plastic pins into the stand as shown.



5. Slide out the upper rods to their full length.

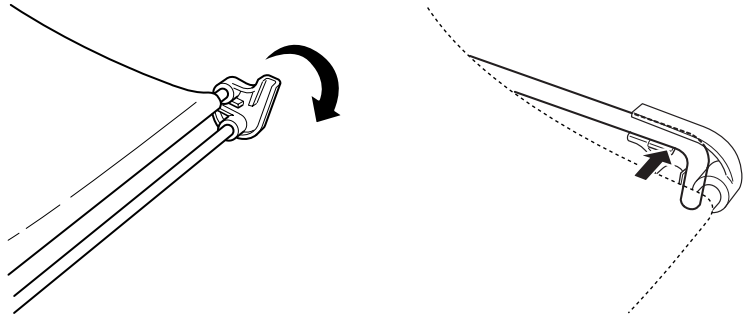


6. Hook the middle bar of the basket as shown.

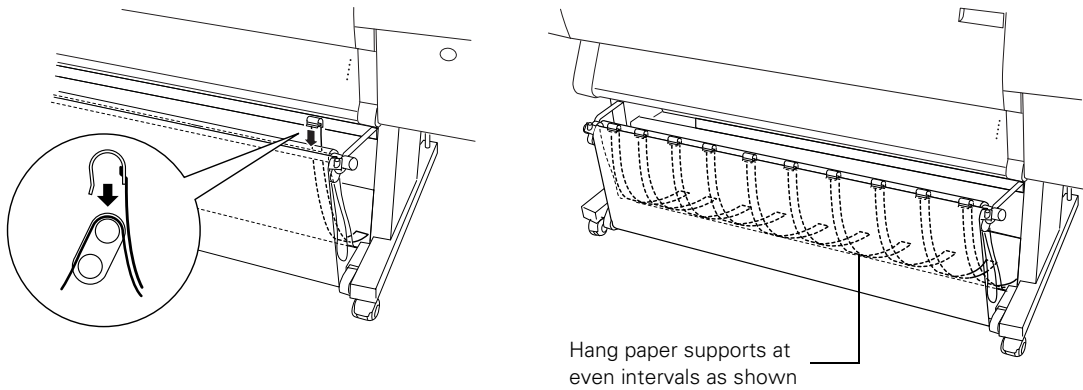


1-10 | Setting Up the Printer

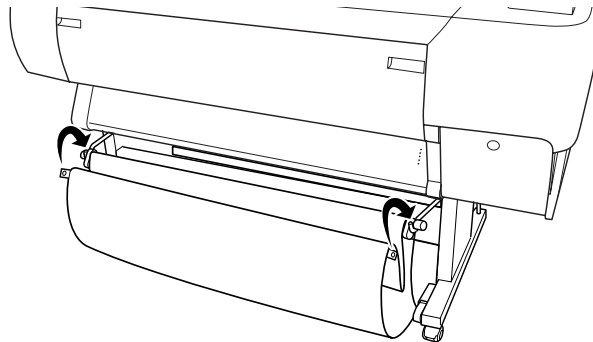
7. Hold the front bar and turn it one revolution. Then attach it to the lower metal rods.



8. Push the upper and lower metal rods all the way in.
9. To use the paper supports, hang them along the inside of the basket.



10. Hook the basket rings to take up the slack.

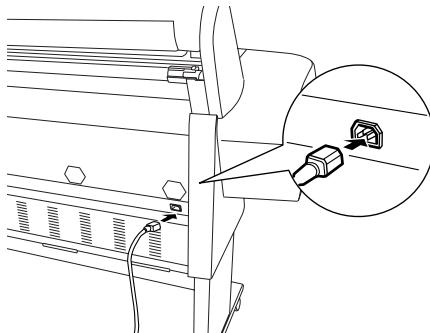


Connecting the Power Cord

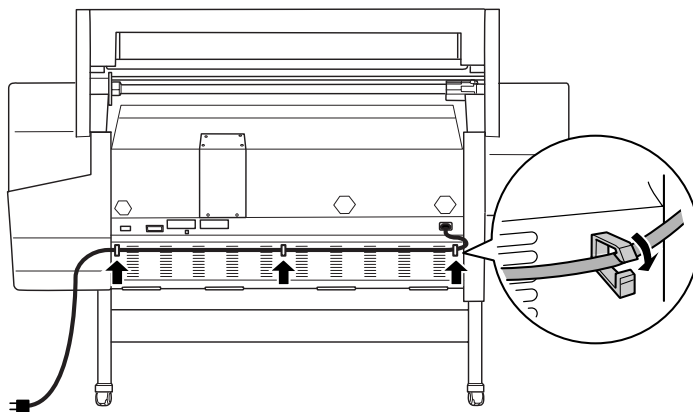


Do not use an outlet that is controlled by an automatic timer or wall switch. Otherwise, you may accidentally shut off the printer and cause damage.

1. Connect the power cord to the AC inlet on the back of the printer.



2. Route the power cord through the three cable clips and fasten them as shown.



3. Plug the power cord into a properly grounded electrical outlet.

Installing the Ink Cartridges

Depending on which version of the Stylus Pro 10600 you have, the ink cartridge starter kit included with your printer contains one of three possible kinds of ink:

- EPSON Photographic Dye™ ink
- EPSON Archival™ ink
- EPSON UltraChrome™ ink

Once you install your first ink cartridges, the printer is programmed to work with that kind of ink for the lifetime of the unit; you cannot switch it to use a different kind of ink.




If you have an UltraChrome printer, you can switch between the Photo Black and Matte Black cartridges, but you have to follow a special procedure. See page 5-15.

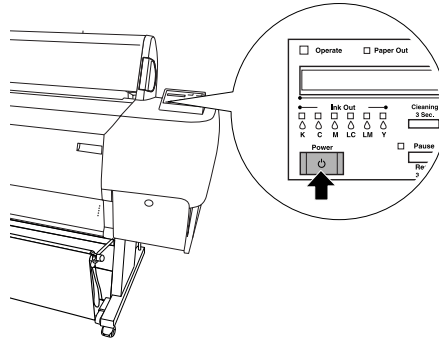
If you have an EPSON Stylus Pro 10600 that uses UltraChrome ink, two black ink cartridges are included in the starter kit: Photo Black and Matte Black. (An empty ink draining cartridge is also included; be sure to save it, as you'll need it if you want to switch black ink types at a later time.) When you first install the cartridges, select the black ink type that's best suited to your printing needs:

Black ink types for UltraChrome printer

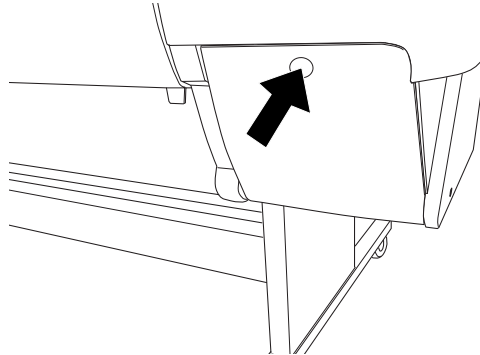
Black ink type	Image and paper type
Photo Black	For printing photographic images on all media types. Optimized for traditional photographic and ink jet-coated papers, such as EPSON Premium Luster Photo Paper, Photo Semigloss Paper, and Premium Semimatte Photo Paper.
Matte Black	Optimized for printing photographic images on matte or plain papers, such as EPSON Enhanced Matte Paper, Smooth and Textured Fine Art Paper, and Somerset Velvet for EPSON, when the highest level of photographic quality is desired.

Before you begin, make sure the printer is plugged into a grounded outlet. Then follow these steps to install the cartridges:

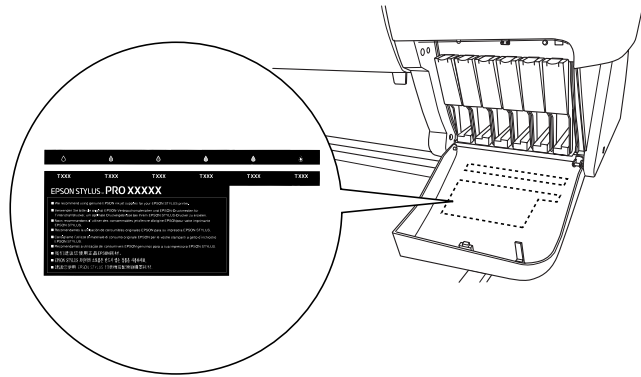
1. Press the  Power button to turn on the printer.



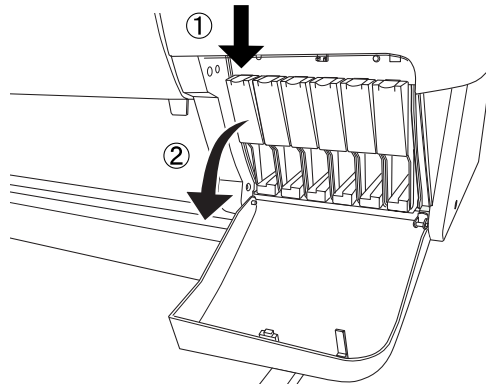
2. Push and release the ink compartment cover to open it.



3. Attach the ink label to the inside of the ink compartment cover.

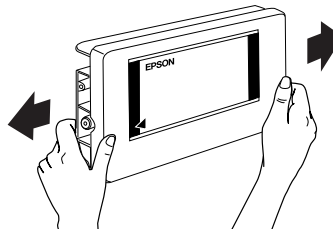


4. Push down on the top of the first cartridge clamp and pull it forward.



5. Locate the package for the black ink cartridge and open it. If you're using Archival or UltraChrome ink, shake the cartridge gently, as shown.

If you have an Ultra-Chrome printer, be sure to install your preferred black ink type. See page 1-12.





If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them immediately with water.

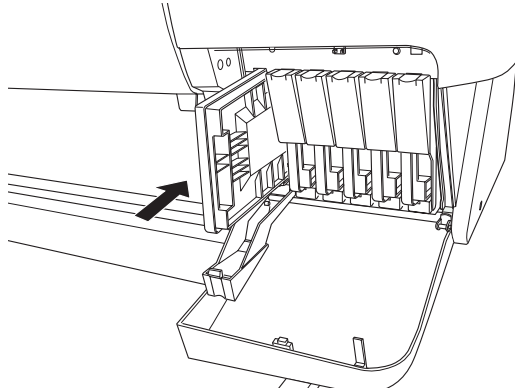


If you can't insert the cartridge smoothly, you may have the wrong cartridge.

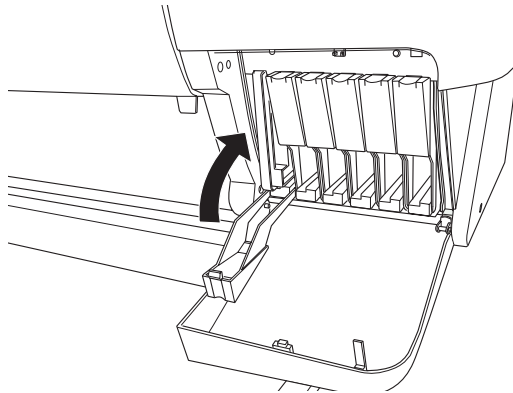


Do not turn off the printer, change the position of the paper set lever, or open the lower cover or ink compartment cover while the printer is charging ink.

6. Hold the cartridge so the arrow mark on its left side is pointing toward the printer. Insert the cartridge into the slot. Don't force it.



7. Push the clamp back up into the locked position.



8. Repeat step 4 through step 7 for the other ink cartridges. When you're done, close the ink compartment cover.

The printer begins charging the ink delivery system. The **Pause** light on the control panel flashes and the printer makes various sounds.

Charging takes about 10 minutes. Do not turn off the printer or interrupt this process or you'll use more ink than necessary. When the **Pause** light stops flashing and **Paper Out** appears on the control panel display, you're ready to load the roll paper.

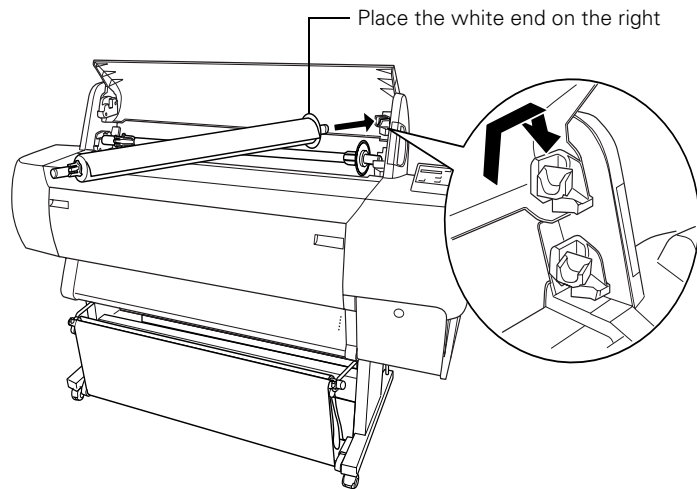


Avoid touching the printable surface of the paper as much as possible. Oils from your skin can affect print quality.

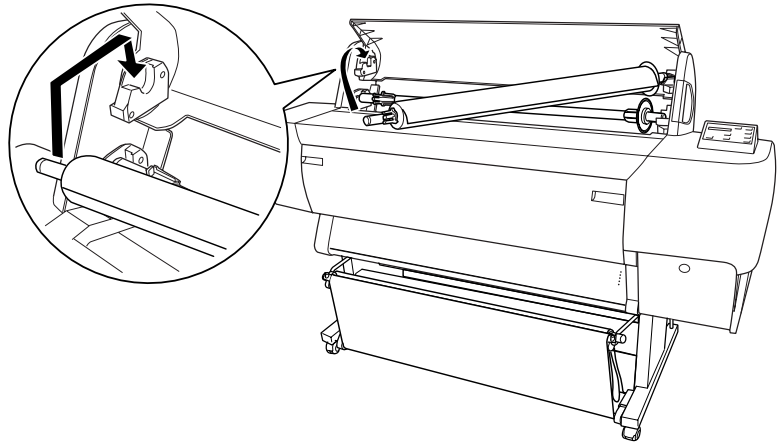
Loading the Roll Paper

Before you begin, locate the roll paper that was included with your printer. (It should already be loaded onto the 2-inch spindle.) You can use this Doubleweight Matte Paper to print the test patterns described later in this chapter. Follow these steps to load it in the printer:

1. Open the printer's roll paper cover.
2. Insert the white end into the right mounting bracket inside the printer.



- Place the black end of the spindle into the corresponding left mounting bracket.

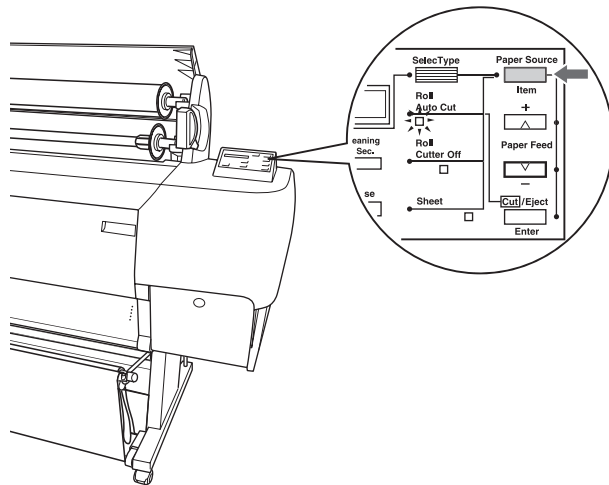


- Press the **Paper Source** button on the control panel until the **Roll Auto Cut** light comes on.

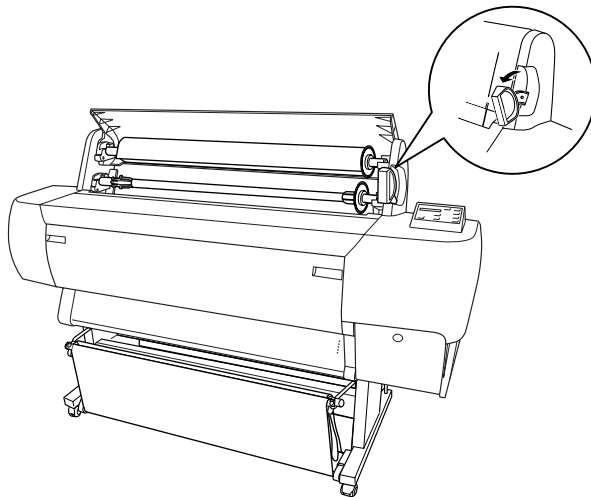


Note

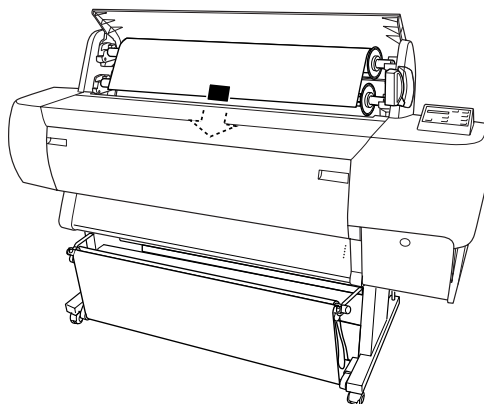
To avoid feeding excess paper, make sure you don't select **Sheet** when you're using roll paper.



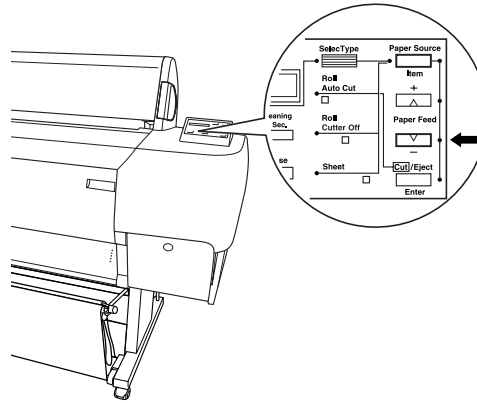
5. Pull the paper set lever out, to the released position. The Paper Out light on the control panel comes on and LOAD PAPER appears on the control panel display.



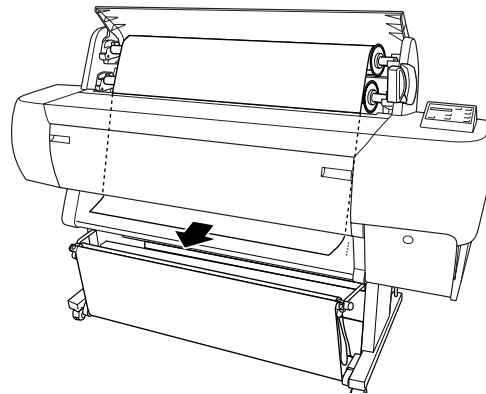
6. Feed the paper into the paper slot. You hear the paper suction fans come on.



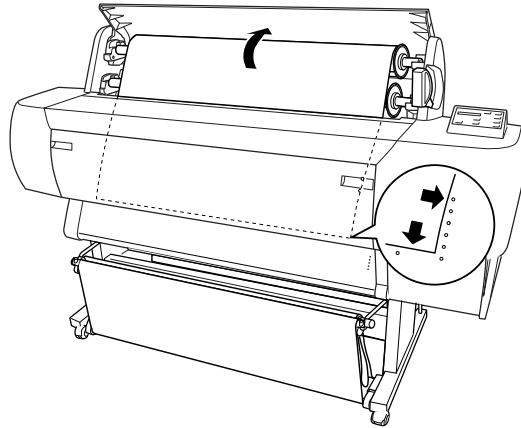
7. If you're using the roll paper that came with the printer, decrease the suction by pressing the **Paper Feed –** button. This makes it easier to feed lighter-weight papers.



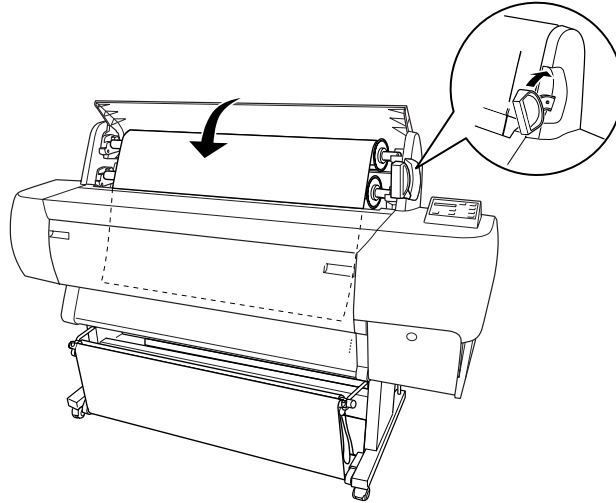
8. Pull the paper down so it extends all the way through the slot.



9. Turn the roll back to remove any slack. Then align the paper with the two rows of holes at the paper exit.



10. Push the paper set lever all the way in, then close the roll paper cover. **PRESS PAUSE BUTTON** appears briefly on the control panel display.



To avoid damaging the printer, never move the paper set lever while the **Operate** or **Pause** light is flashing.

11. Press the **Pause** button. The print head moves and the paper feeds into printing position automatically. **READY** appears on the control panel display. (Even if you don't press **Pause**, the paper and printer move into printing position automatically after 10 seconds.)

Connecting the Printer to Your Computer



Check the system requirements on page 4 or 5 before connecting your printer to make sure your system meets or exceeds the minimum requirements.

Depending on your system, you can connect the printer to your computer using any of the following:


- USB interface (1.1 compatible)—for Windows 98 (factory-installed), Me, 2000, XP, and Macintosh
- Parallel interface—for Windows
- IEEE 1394 (FireWire) interface—for Windows Me, 2000, XP, and Macintosh
- Ethernet interface—for connection through an Ethernet network or directly to any PC or Macintosh equipped with a 10/100 Ethernet port

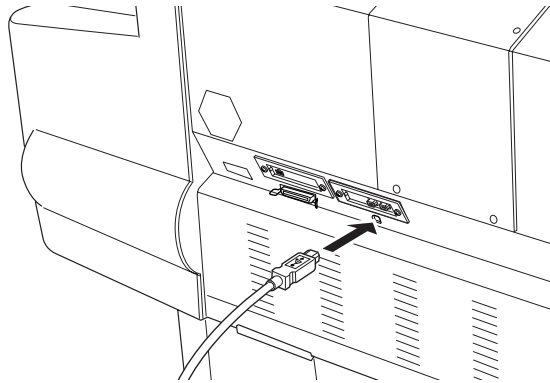
For fastest print speeds, EPSON recommends connecting using FireWire or USB, especially when printing with a third-party RIP station or directly from your computer. If you're using FireWire, two ports are included so you can daisy-chain multiple printers to your system and keep them all running at the full speed of the print engine.

If you choose to use Ethernet, make sure the bandwidth of your network is sufficient to keep the printer running at full speed. To provide adequate bandwidth, your network should have a *switched* 100 Mbit hub.


Connecting to the USB Port

To connect the printer to a USB port, you need a standard shielded USB cable. Follow the steps below to connect the printer to your computer:

1. Make sure both the printer and your computer are turned off.
2. Connect the  end of the USB cable to the USB port on the back of your printer.



If the printer doesn't work when you attach it to a first tier USB hub port, connect it directly to the USB port on your computer.

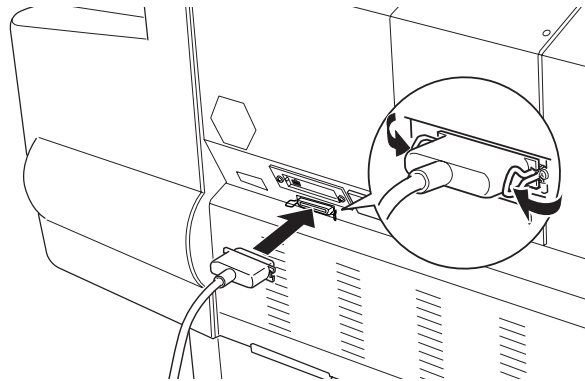
3. Connect the  end of the USB cable to your computer's USB port or a first tier USB hub port.

When done, continue with the instructions on page 1-26.

Connecting to the Parallel Port (Windows Only)

To use the printer's built-in parallel interface, you need a shielded, bidirectional, parallel cable. Follow the steps below to connect the printer to your computer:

1. Make sure both the printer and your computer are turned off.
2. Plug the cable connector securely into the printer's interface. Then squeeze the wire clips together until they lock into place on both sides.



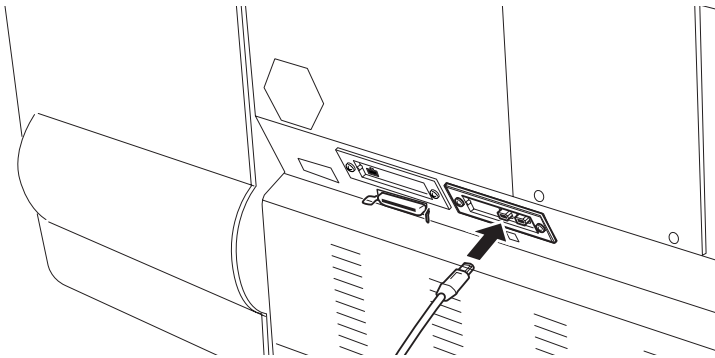
3. Plug the other end of the cable into the computer's parallel port.

When done, continue with the instructions on page 1-26.

Connecting to the IEEE 1394 (FireWire) Port

To connect through the printer's IEEE 1394 port, you need a standard shielded IEEE 1394 cable. Follow the steps below to connect the printer to your computer.

1. Make sure both the printer and your computer are turned off.
2. Connect one end of the IEEE 1394 cable to one of the IEEE 1394 ports on the back of your printer.



3. Connect the other end of the IEEE 1394 cable to your computer's IEEE 1394 port.

When done, continue with the instructions on page 1-26.

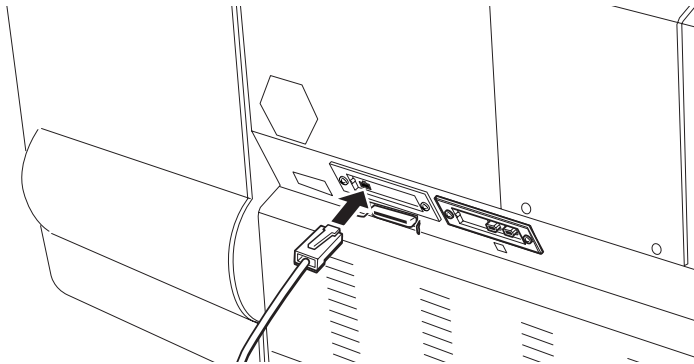


To connect to a network hub, you need a standard RJ-45 "straight through" network cable. If you want to connect the printer directly to your computer (instead of through a network), use an RJ-45 "crossover" cable.

Connecting to the Ethernet Port

To connect the printer using its Ethernet port, you need a 10/100 Ethernet cable. Follow the steps below to connect the printer.

1. Make sure the printer is turned off.
2. Connect one end of the network cable to the 10/100 port on the back of your printer.



3. Connect the other end of the cable to your network hub or directly to your computer, as needed.

If you're connecting through a network, see page 1-41 for instructions on configuring your client systems and to finish setting up the printer. If you're connecting directly to a computer, continue with the instructions in the next section.




Turn off all virus protection programs before you install your printer software.

Installing the Printer Software

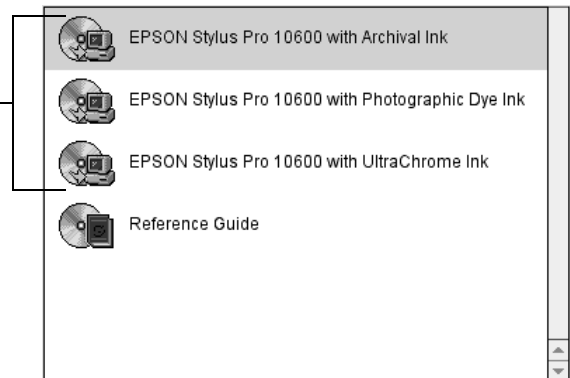
Follow the steps below (for Macintosh) or on page 1-29 (for Windows) to install your printer software.

Installing the Software for Macintosh

After connecting the printer to your Macintosh, you need to install the printer driver and utilities included on your printer software CD-ROM. Follow these steps:

1. Turn on your Macintosh and your printer. Turn off any virus protection programs before installing your printer software.
2. Insert the printer software CD-ROM in your computer. If necessary, double-click the EPSON CD-ROM to open its window.
3. Double-click the  icon.
4. Double-click the menu option for your printer. Be sure to select the correct ink type (Archival Ink, Photographic Dye Ink, or UltraChrome Ink).

Select the correct ink type for your printer

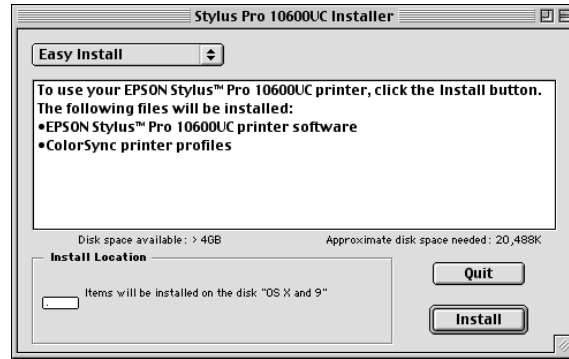


5. At the first screen, click **Continue**.
6. Read the license agreement and click **Accept**.


You see a dialog box similar to this one:



If you have an Ultra-Chrome printer and want to install a Desktop Printer icon, select Custom Install from the drop-down list at the top of this screen, then select the Desktop Printing option.



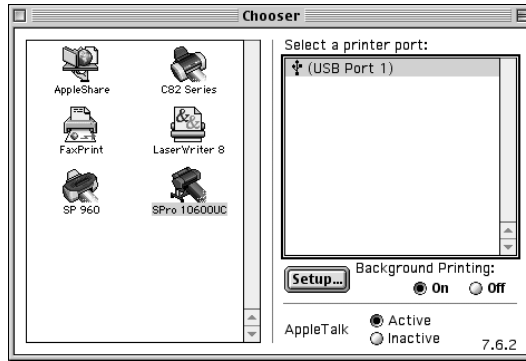
The on-screen Reference Guide provides additional information about the printer, drivers, and utility software.

7. Click the **Install** button, then click **Continue** on the next screen.
8. Follow the instructions to install your software and select a default paper size. When you see a message informing you that installation is complete, leave the CD in the computer and click **Restart** to restart your Macintosh.
9. After your Macintosh restarts, you can install the on-screen *Reference Guide*. (If you don't want to install it, remove the CD-ROM and continue with step 10.)
 - Double-click the  icon.
 - At the main menu screen, select **Reference Guide**.
 - Select **Install Reference Guide** and follow the on-screen instructions to finish installing it.
 - When done, close any open windows and remove the CD-ROM.
10. If you're going to be sharing the printer on an AppleTalk® network, skip the rest of these steps. Instead see "Setting Up on a Macintosh Network" on page 1-41 to finish configuring the printer.
11. Select **Chooser** from the Apple menu.



If you're on an AppleTalk network and the AppleTalk setting in the Chooser is **Active**, you may see an alert message when you click the USB port icon. Make the AppleTalk setting **Inactive**, then select the USB port icon. If you're using your Macintosh in an Ethernet environment, you can leave the AppleTalk setting **Active**.

12. Click the **SPro 10600** icon, then click the icon for your printer port.



13. Turn on **Background Printing** if you want to use your Macintosh while it's preparing a document for printing, and use the EPSON Monitor3 utility to manage print jobs.

14. Close the Chooser.

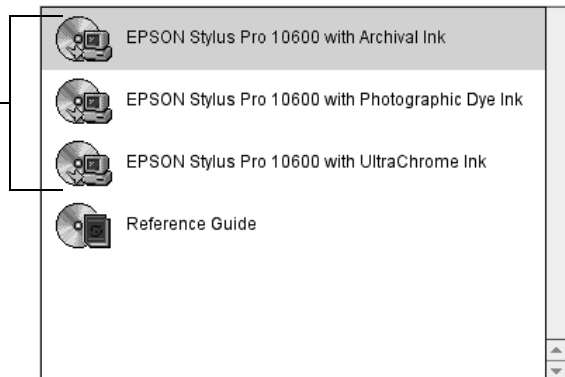
If you're connecting the printer directly to your computer (not over a network), continue with the instructions on page 1-33.

Installing the Software for Windows

After connecting the printer to your computer, install the printer driver and utilities from your printer software CD-ROM. Follow these steps:

1. Make sure your printer is turned off.
2. Turn on your computer and start Windows. Turn off any virus protection software before installing your printer software.
3. Insert the printer software CD-ROM in your computer. The installer starts automatically. If it doesn't start, double-click **My Computer** (or **Start > My Computer** in Windows XP). Then double-click your CD-ROM icon.
4. Double-click the menu option for your printer. Be sure to select the correct ink type (**Archival Ink**, **Photographic Dye Ink**, or **UltraChrome Ink**).

Select the correct ink type for your printer




5. **If you're connecting with FireWire:** You may see a New Hardware Found screen. If so, click **Next** and follow the instructions on page 1-32 to configure the EPSON 1394 Printer (FireWire port). When done, return here and continue with the following steps.
6. **Windows XP:** When you see a message that the software you're installing hasn't passed Windows Logo testing, click **Continue Anyway**.


When you see this message again during installation, be sure to click **Continue Anyway**.




If you're connecting through the parallel or Ethernet port, do *not* turn on your printer when you see a window telling you to do so. Instead, wait until the **Stop Searching** button appears. Then click the button and go to step 9.

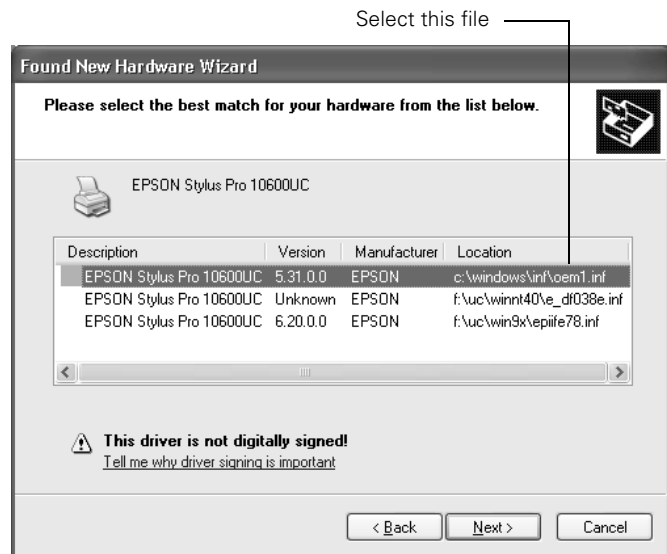
7. If you're connecting through the parallel port or Ethernet port, see the note at left. Otherwise, follow the instructions below for your system.


Windows 95 or NT: Turn on your printer by pressing the  Power button, then go to step 9.

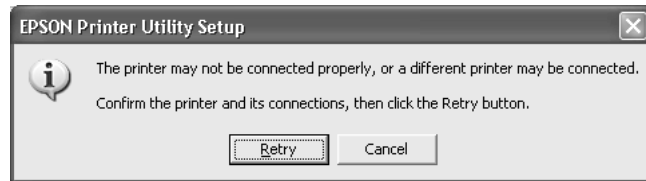
Windows 98, Me, or 2000: When you see a window asking you to turn on your printer, press the  Power button. Then go to step 9.

Windows XP:

- When you see a window asking you to turn on your printer, press the  Power button.
- Wait until you see the Found New Hardware Wizard for the Stylus Pro 10600.
- Once the Found New Hardware Wizard appears, select **Install the software automatically**, then click **Next**.
- Make sure the file shown below is selected. Then click **Next**.



8. If you see a screen like this during installation, do not click **Retry** or **Cancel**. Click the  close button.



9. When you see a message informing you that installation is complete, click **OK** or **Finish**. If asked to do so, restart your computer.
10. If you see a message that the port setting has defaulted to LPT1, you may need to reset the port if you're not using a parallel connection (for example, if you're using Ethernet or FireWire). See your online *Reference Guide* for instructions.
11. If any screens remain open, close them to exit.
12. Now you can install the on-screen *Reference Guide*. (If you don't want to install it, remove the CD-ROM.)



Note

The on-screen Reference Guide provides additional information about the printer, drivers, and utility software.

- Make sure the CD-ROM is in your computer. If you don't see the main menu screen, double-click **My Computer** (or **Start > My Computer** in Windows XP). Then double-click your CD-ROM icon.
- At the main menu screen, select **Reference Guide**.
- Select **Install Reference Guide** and follow the on-screen instructions to finish installing it.
- When done, close any open windows and remove the CD-ROM.

If you're connecting the printer directly to your computer (not over a network), continue with the instructions on page 1-33.

Setting Up Your FireWire Port

If you're connecting with FireWire (IEEE-1394) on a Windows system, you may see a Found New Hardware Wizard for an EPSON 1394 Printer. If so, follow the steps below to install the driver software for the port. When done, resume installing the printer software where you left off.

1. At the first Found New Hardware screen, click **Next**.
2. At the screen below, click **Search for a suitable driver**, then click **Next**.



3. Select **Specify a location** and click **Next**.
4. Click the **Browse** button and locate the correct **Win2K_XP** folder on the EPSON CD-ROM:
 - If your printer uses Archival ink, browse to the **Drivers\Cf\Win2K_XP** folder
 - If you're printer uses Photographic Dye, browse to the **Drivers\Dye\Win2K_XP** folder
 - If you're printer uses UltraChrome ink, browse to the **Drivers\Uc\Win2K_XP** folder
5. Click **OK**, then click **Next** to install the driver.
6. When done, click **Finish**. Then return to the printer software installation instructions where you left off.



You may see an additional Found New Hardware screen for IEEE-1394. If so, be sure to browse to the correct folder for your ink type and operating system.

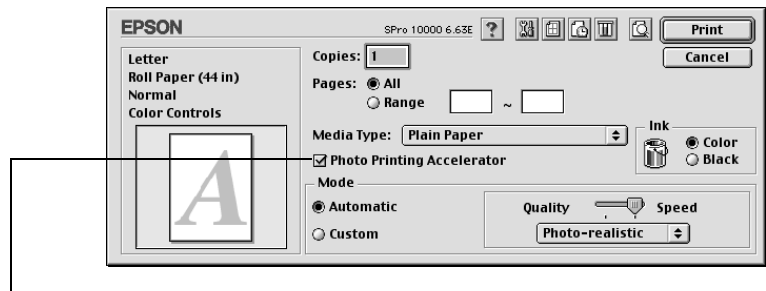
Optimizing Print Speed

Depending on your system, you may be able to optimize your print speed as described in these sections:

- If you're printing with the standard EPSON driver software, see "Using the Photo Printing Accelerator" (below)
- If you're printing from Windows through a parallel port, see "Using the Speed & Progress Utility" on page 1-34

Using the Photo Printing Accelerator

The Photo Printing Accelerator compresses graphics in order to enhance the processing speed of your system. This feature is built into your standard EPSON printer driver, and is turned on by default after installing the driver.



Leave this setting turned on

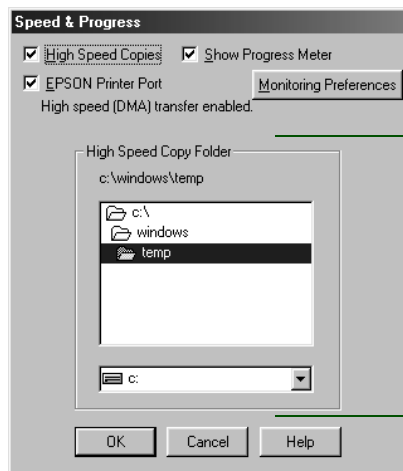
EPSON recommends leaving the setting turned on for all types of printing. Turn it off only if you notice poor image quality and want to test whether it has an effect. If you need to access the setting, open your printer software as described on page 3-4 for Macintosh or page 4-2 for Windows.

Using the Speed & Progress Utility

If you're printing from Windows through a parallel port, you can optimize your computer for the fastest data transfer rate and speed up the way your printer driver processes multiple-copy print jobs.

1. Do one of the following:
 - **Windows XP:** Click **Start** and select **Control Panel**. Double-click **Printers and Other Hardware**, then double-click **Printers and Faxes**. Right-click your printer icon and select **Printing Preferences**.
 - **All other versions of Windows:** Click **Start**, point to **Settings**, then select **Printers**. Right-click your printer icon and select **Properties** (Windows 95, 98, or Me), **Document Defaults** (Windows NT), or **Printing Preferences** (Windows 2000).
2. Click the **Utility** tab, then click the **Speed & Progress** button.

You see a dialog box similar to the following:



If you have more than one hard disk drive, you can select a folder for storing multiple copy print jobs here.

3. Select from the following options:
 - **High Speed Copies** speeds up printing of multiple copies of the same document using hard disk space as a cache. If you have multiple hard drives, you can select a high speed copy folder for storing copies.
 - **Show Progress Meter** lets you control whether or not the Progress Meter is displayed when you send a print job.
 - **EPSON Printer Port** (Windows 95, 98, or Me parallel connection only) lets you optimize the transfer rate of your printer port for EPSON printers instead of using the Windows default printer port. You may see one of these messages beneath the **EPSON Printer Port** option:

High speed (DMA) transfer enabled tells you that you're already using fast DMA transfer mode.

For higher data transfer rates, use DMA transfer lets you know that you can speed up printing by enabling DMA transfers on your system. See your electronic *Reference Guide* for instructions on using DMA transfers, if your computer supports them. For more information, see your computer documentation or contact your computer manufacturer's technical support. If you see no message, you cannot enable DMA transfers.
 - **Always spool RAW datatype** (Windows 2000, XP, and NT only) lets you spool documents using the RAW format instead of the EMF (metafile) format. Because the RAW format requires fewer resources, printing is faster and you can avoid certain problems, such as insufficient memory or disk space.
4. Click **OK** to close the Speed & Progress dialog box and return to the Utility menu. Then click **OK** again to exit the Printers utility.

Running a Nozzle Check

Before printing, follow the steps below to run a nozzle check from your printer driver. The nozzle check prints a pattern of dots that lets you see if any print head nozzles are clogged. By running the test from your printer software instead of the control panel, you are also verifying that your printer is connected and working properly.


1. Make sure the printer is turned on and paper is loaded, as described on page 1-16. (You can print the nozzle check on any kind of paper. If you use the Doubleweight Matte Paper that came with your printer, you'll be able to save your higher-quality paper for actual print jobs.)


2. Do one of the following:

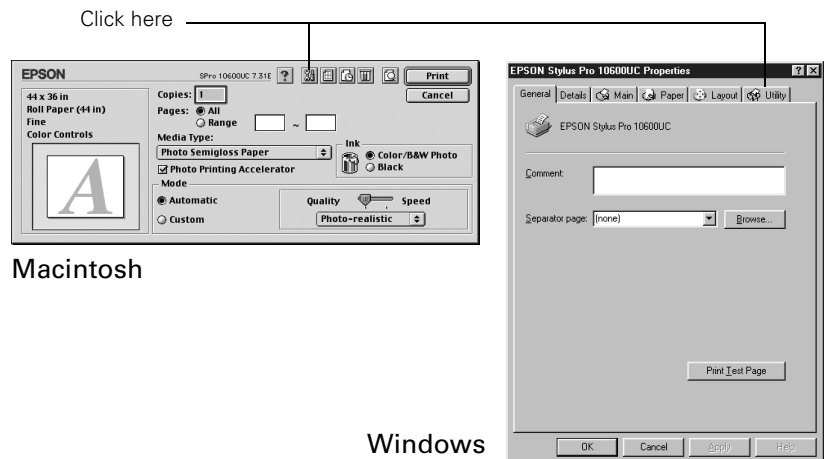
Macintosh: Open an application and select **Print** from the File menu.

Windows: Click **Start**, point to **Settings**, and select **Printers**. Right-click your printer icon, and then select **Properties** (Windows 95, 98, or Me), **Document Defaults** (Windows NT), or **Printing Preferences** (Windows 2000).

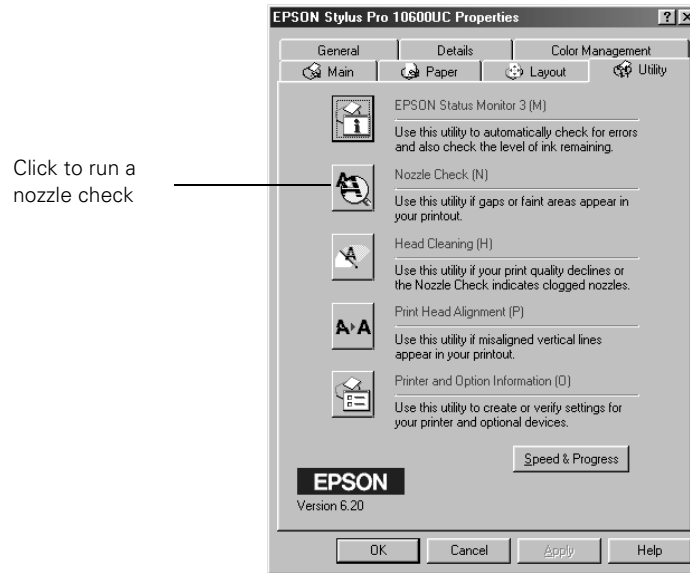
Windows XP: Click **Start** and select **Control Panel**. Click **Printers and Other Hardware**, then click **Printers and Faxes**. Right-click your printer icon and select **Printing Preferences**.

3. **Macintosh:** Click the  utility button.

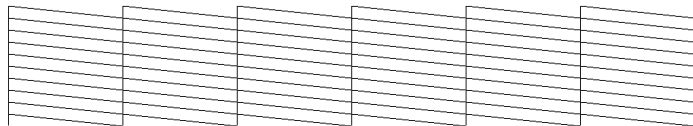
Windows: Click the  tab.



You see the Utility menu:



4. Click the **Nozzle Check** button, then click **Print** to print a nozzle check pattern.
5. Examine the printed pattern. It should be complete, with no gaps or missing dots, as shown below; in addition, all the dots should be in place and not deflected. (You may need to use an eye loupe to check the pattern.)



6. If the pattern is complete, click **Finish** and close the Utility menu, then continue on to “Aligning the Print Head” on page 1-39.

7. If the pattern is missing dots (as shown below) or if any are out of place (deflected), click **Clean** and follow the instructions on screen to clean the print head. Cleaning takes about 60 seconds, during which the printer makes some noise and the **Pause** light flashes.



8. When the **Pause** light goes off, make sure paper is loaded in the printer, then:

Macintosh: Click **Confirmation**, then click **Next**.

Windows: Click **Print nozzle check pattern**, then click **Print**.

The nozzle check pattern prints again.

9. If the nozzle check pattern prints correctly, click **Finish**, then continue on to “Aligning the Print Head” on page 1-39.

If the pattern is still incorrect, click **Clean** to clean the print head again. It may take several cleaning cycles to clean the print head fully.

If the lines on the pattern still appear broken after several cleaning cycles, turn the printer off and leave it overnight, then clean the print head again the following morning. If you still see no improvement, contact EPSON for assistance.



Be sure to perform a Uni-D (uni-directional) alignment first, as instructed, before performing the Bi-D alignment. You may have to perform each alignment more than once for best results.



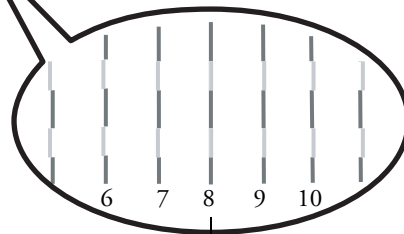
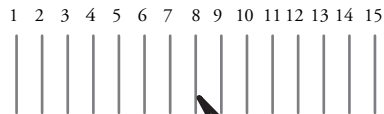
You must use at least a 10× eye loupe to check the pattern.

Aligning the Print Head

Before you use the printer, you should align the print head to ensure accurate, clean printouts. Make sure you've already run a nozzle check, as described on page 1-36. If any nozzles are clogged, the print head alignment patterns won't print correctly and your alignment won't be accurate.

1. Make sure the printer is turned on and paper is loaded, as described on page 1-16. (Use the roll of Doubleweight Matte Paper that came with the printer.)
2. Press the **SelecType** button until **HEAD ALIGNMENT MENU** is displayed.
3. Press the **Item** button. **PAPER THICK=STD** appears on the display.
4. Press the **Enter** button. You see **ALIGNMENT = Bi-D LC** on the display.
5. Press the **+** button so that **ALIGNMENT = Uni-D** appears.
6. Press the **Enter** button to print the alignment pattern.
7. Examine the first row (marked **#1 C**). You see a series of patterns similar to the one below across the width of the paper. Use your own eye loupe or the one that came with the printer to determine which line is the best.

(Each line is composed of two overlapping colors. Look for the line in which the colors overlap most evenly. In the example below, number 8 is the best line.)



Number 8 is the best line



Ideally, number 8 (± 1) should be the best line in all of the printed patterns. If it is, you can press **Pause** to exit the adjustment early.

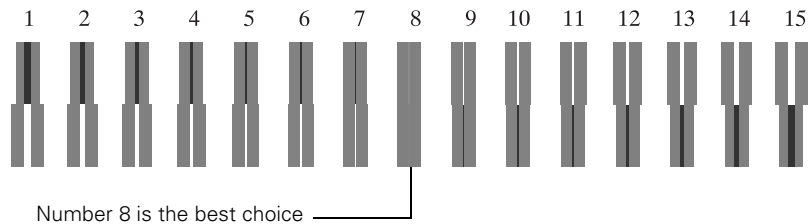


You'll get best results by performing the **Uni-D** adjustment first, then performing the **Bi-D ALL** adjustment.

8. Look at the other patterns across the same row to see if the same number is consistently the best line. If not, determine which number is generally the best.
9. Check the control panel display. It shows **#1 C=8**, which means that number 8 is the current setting for row **#1 C**. If you need to change the setting, use the **+** or **-** button to select the best line for that row. Then press the **Enter** button to register the setting.
10. Repeat step 7 through step 9 for each additional row.
11. When done, press the **Pause** button to exit the head alignment.

If during the adjustment you had to select a line that was less than 7 or greater than 9, you should reprint the alignment pattern to verify that number 7, 8, or 9 is now the best line in each row. You may have to repeat the head alignment more than once to ensure that number 8 (± 1) is the best choice in each case.

12. When done performing the adjustment in Uni-D (uni-directional) mode, as described above, you should repeat it in Bi-D mode (select **ALIGNMENT = Bi-D ALL**). The process is exactly the same, but the printed pattern is different:



To select the best pattern, use an eye loupe to determine which block has the smallest gaps. In the example above, number 8 has the smallest gaps.

Once this adjustment is done, you've finished setting up your Stylus Pro 10600.

Setting Up Your Printer on a Network

If your printer is connected over a network, follow the steps in the appropriate section to configure each client computer to share the printer:

- “Setting Up on a Macintosh Network” on page 1-41
- “Setting Up on a Windows 95, 98, or Me Network” on page 1-43
- “Setting Up on a Windows XP Network” on page 1-46
- “Setting Up on a Windows NT 4.0 or Windows 2000 Network” on page 1-49



Note

This section tells you how to configure your printer as a shared printer on a network. To connect your printer directly to a network without setting it up as a shared printer, consult your network administrator.

Setting Up on a Macintosh Network

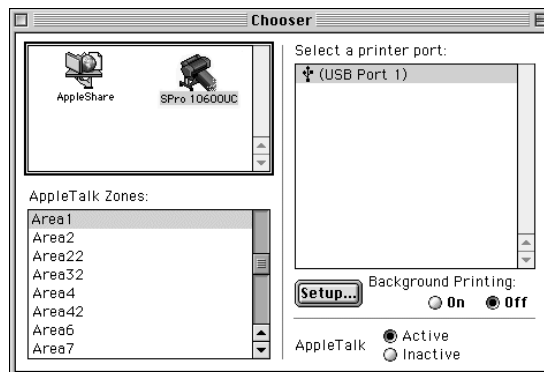
This section explains how to set up the Stylus Pro 10600 as a shared printer on an AppleTalk network. First install the printer software on every computer that will need to access the printer, as described on page 1-26.

Then configure the host Macintosh (the computer to which you connected the printer) to share the printer, and configure the client Macintosh computers to connect to it, as described in the next two sections.

Configuring the Host Macintosh

Perform these steps on the Macintosh to which you connected the printer:

1. Turn on the printer, open the Chooser, and click the printer's icon. Then select the icon for the port your printer is connected to.





Turning background printing on allows you to use Monitor3 to manage the print queue on the host computer. See page 3-12 for details.

2. Click the **On** radio button to turn **Background Printing** on.
3. Click the **Setup** button. You see the following dialog box.

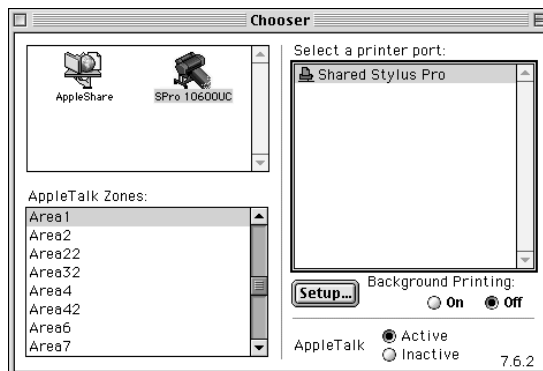


4. Check **Share this Printer**, then type a name for the printer and password information as needed.
5. Click **OK**. The name of the shared printer appears in the port list in the Chooser.
6. Close the Chooser.

Configuring the Client Macintosh Computers

Perform these steps on every Macintosh that will need to access the printer:

1. Open the Chooser, click the printer's icon, and then select the shared printer name on the right. You can only select from the printers connected to your current AppleTalk zone.





To avoid unnecessary spooling, background printing should be turned off for all client computers.

2. If you're prompted for a password, enter the password for the printer and click **OK**.
3. Make sure **Background Printing** is turned off. Then close the Chooser.

When done setting up your network connection, be sure to complete the following:

- Run a nozzle check from the control panel, as described on page 5-4.
- Perform a print head alignment from the control panel, as described on page 5-7.

Setting Up on a Windows 95, 98, or Me Network

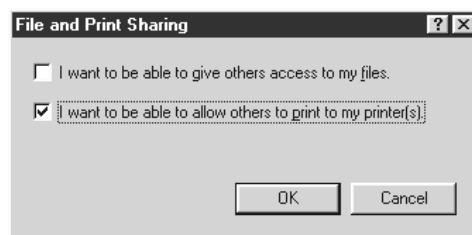
This section tells you how to set up your printer so that computers on the network can share it. First install the printer software on every computer that will need to access the printer, as described on page 1-29.

Then configure the host computer (the computer to which you connected the printer) to share the printer, and configure the client computers to connect to it.

Configuring the Host Computer

Perform these steps on the computer to which you connected the printer:

1. Click **Start**, point to **Settings**, then click **Control Panel**.
2. Double-click the **Network** icon.
3. Click the **File and Print Sharing** button. You see this dialog box:

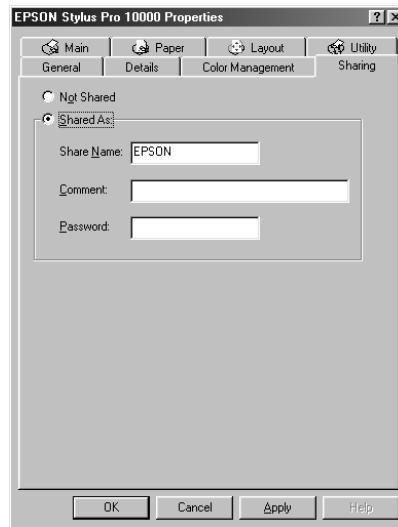


This section tells you how to configure your printer as a shared printer on a network. To connect your printer directly to a network without setting it up as a shared printer, consult your network administrator.



If you see a dialog box requesting the Windows CD-ROM, insert the CD-ROM and follow the screen prompts. If you see a message asking you to restart your computer, do so. Then continue with step 6.

4. Select the I want to be able to allow others to print to my printer(s) check box and click OK.
5. In the Network window, click OK.
6. In the Control Panel, double-click Printers.
7. Right-click your printer icon, then select **Sharing** (or **Properties** for Windows 95). You see a dialog box similar to the following:



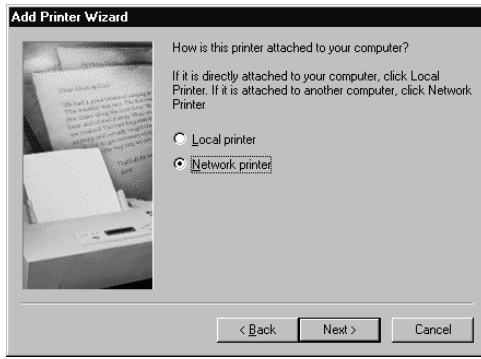
8. Select **Shared As**, enter the printer information as needed, then click **Apply**.
9. Click **OK** to close the dialog box.

Configuring the Client Computers

Perform these steps on every computer that will need to access the printer:

1. Click **Start**, point to **Settings**, and click **Printers**.
2. Double-click the **Add Printer** icon.

3. The Add Printer Wizard screen appears. Click **Next**. You see a window like the following:



4. Click **Network printer**, then click **Next**.
5. Click **Browse**.
6. Double-click the icon of the host computer (directly connected to the printer). Then click the printer's icon.



7. Click **OK** and follow the messages on the screen to complete configuration.

When done setting up your network connection, be sure to complete the following:

- Run a nozzle check from the control panel, as described on page 5-4.
- Perform a print head alignment from the control panel, as described on page 5-7.



This section tells you how to configure your printer as a shared printer on a network. To connect your printer directly to a network without setting it up as a shared printer, consult your network administrator.

Setting Up on a Windows XP Network

This section tells you how to set up your printer so that computers on the network can share it. First install the printer software on every computer that will need to access the printer, as described on page 1-29.

Then configure the host computer (the computer to which you connected the printer) to share the printer, and configure the client computers to connect to it.

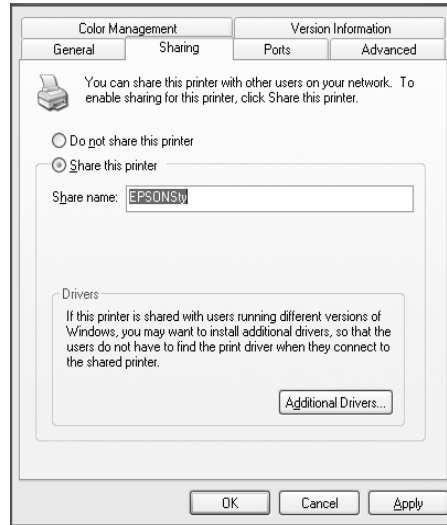
Configuring the Host Computer

Perform these steps on the computer to which you connected the printer:

1. Click **Start**, then select **Control Panel**. Click **Printers and Hardware**, then **Printers and Faxes**.
2. Right-click the icon for your printer, then click **Sharing**.
3. If the following menu appears, click one of the listed options, then follow the instructions on screen to set up your network as needed.



4. When done, you see the following screen. Select **Share this printer**, then type the name of the shared printer as shown. (Do not choose any drivers from the Additional Drivers list.)



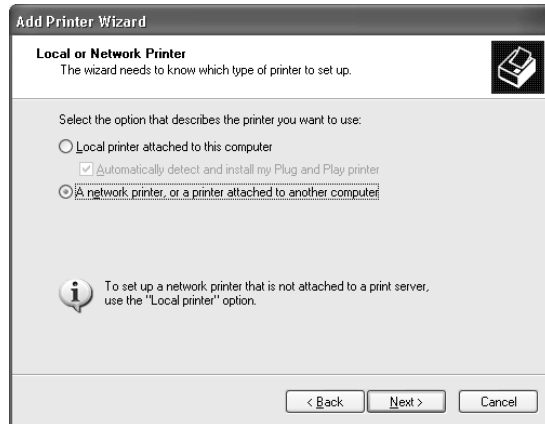
5. Click OK.

Configuring the Client Computers

Perform these steps on every computer that will need to access the printer:

1. Click **Start**, then select **Control Panel**. Click **Printers and Hardware**, then **Printers and Faxes**.
2. Click **Add a printer**.

3. The Add Printer Wizard screen appears. Click Next. You see a window like the following:



4. Click **A network printer**, then click **Next**.
5. Click **Browse for a printer**, then click **Next**.
6. Double-click the icon of the host computer (directly connected to the printer). Then click the printer's icon.
7. Click **OK** and follow the messages on the screen to complete configuration.

When done setting up your network connection, be sure to complete the following:

- Run a nozzle check from the control panel, as described on page 5-4.
- Perform a print head alignment from the control panel, as described on page 5-7.

Setting Up on a Windows NT 4.0 or Windows 2000 Network



This section tells you how to configure your printer as a shared printer on a small network. To connect your printer directly to a network without setting it up as a shared printer, or to set it up for sharing on a large network, consult your network administrator.

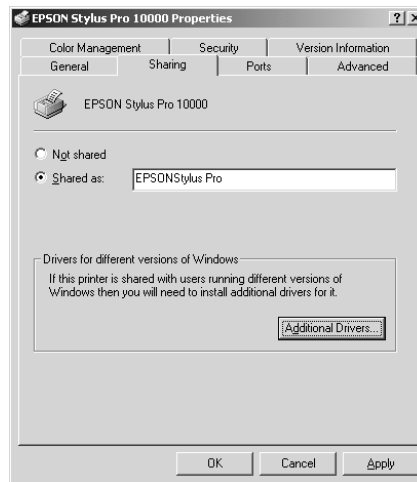
This section tells you how to set up your printer so that computers on the network can share it. First install the printer software on every computer that will need to access the printer, as described on page 1-29.

Then configure the host computer (the computer to which you connected the printer) to share the printer, and configure the client computers to connect to it.

Configuring the Host Computer

Perform these steps on the computer to which you connected the printer:

1. Click **Start**, point to **Settings**, and click **Printers**.
2. Select your printer icon, then select **Sharing** from the File menu. You see a window like the following:

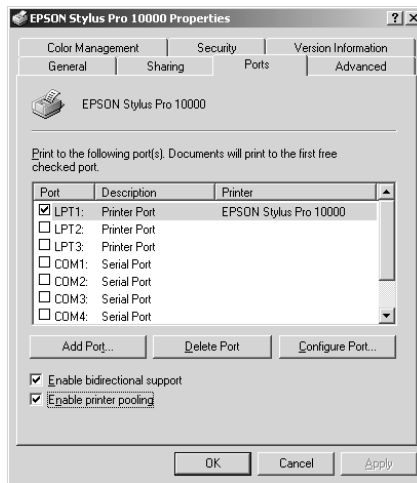


3. Click the **Shared** (Windows NT) or **Shared as** (Windows 2000) button and enter a share name for the printer. Don't select any drivers from the **Alternate Drivers** (Windows NT) or **Additional Drivers** (Windows 2000) list.
4. Click **OK**.

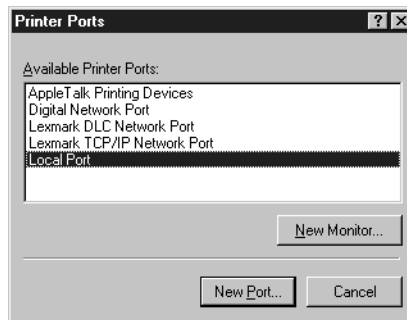
Configuring the Client Computers

Perform these steps on every computer that will need to access the printer:

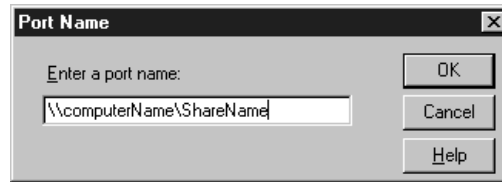
1. Click **Start**, point to **Settings**, and click **Printers**.
2. Right-click your printer icon, then click **Properties** (**Document Defaults** for Windows NT).
3. Click the **Ports** tab to display the following window:



4. Click **Add Port**. You see the Printer Ports dialog box:



5. Select **Local Port**, then click **New Port**. The following dialog box appears:



6. In the text box, type the appropriate information for your system using the syntax below, then click **OK**:

\\name of computer connected to the printer\name of the shared printer

7. In the Printer Ports dialog box, click **Close**.
8. On the Ports screen, make sure the new port is added and its checkbox is selected. Then click **OK**.

Before printing, be sure to test the printer as described in the following sections and perform any needed adjustments:

- Run a nozzle check from the control panel, as described on page 5-4.
- Perform a print head alignment, as described on page 1-39.

Chapter 2: Using Paper and Other Media

The EPSON Stylus Pro 10600 prints on a variety of media, including roll paper and cut sheets up to 44 inches wide. You can also use heavy stock, including posterboard up to 59 mil (1.5 mm) thick.

This chapter includes the following information:

- Selecting paper for your printer
- Printing on EPSON media
- Selecting the Media Type setting
- Using roll paper
- Using cut sheet paper
- Using the paper basket
- Creating custom print settings

Selecting Paper for Your Printer

You can print on most types of coated, glossy, plain paper, and other media. The following table lists general paper requirements for your printer:

Paper requirements

	Roll paper	Cut sheets
Size	8.25 to 44 in. wide (210 to 1118 mm)	8.5 × 11 in. to 44 × 62.2 in. (up to 1118 × 1580 mm)
Maximum external roll diameter	2 in. core: 4 in. (103 mm) 3 in. core: 6 in. (150 mm)	—
Thickness	3.15 to 4.3 mil (0.08 to 0.11 mm)	3.15 to 59 mil (0.08 to 1.5 mm)

It's a good idea to test samples of paper in the printer before purchasing large quantities or printing large jobs. When you use non-EPSON papers or other media, you may need to “profile” their thickness and ink drying time. See page 2-29 for instructions.

Paper Handling Guidelines

Always follow these guidelines, as well as those included in your paper package, when printing on EPSON paper and other media:

- Avoid touching the printable surface of the paper or other media with bare hands. Fingerprints may affect print quality. Handle media by the edges or use cotton gloves.
- Choose an appropriate Media Type setting in your printer software before sending your job. See page 2-7 for instructions. You may have to experiment to find out which setting works best.
- Select the correct paper source (roll or sheet) in both the printer software and on the printer's control panel. See page 3-2 (Macintosh) or page 4-5 (Windows) to select the paper source in your printer software.
- Keep unused media in its original packaging and store it in a cool, dry place to avoid a loss of quality. Avoid storing media or printouts where they will be exposed to high temperature, humidity, or direct sunlight.



Check the EPSON Pro Graphics web site (<http://prographics.epson.com>) or your authorized EPSON dealer for new papers and other media that may be available.

Printing on EPSON Media

EPSON papers, which are specially formulated for the inks used in your printer, ensure high-quality results. The following table lists the product codes for many kinds of EPSON media available for your printer.

If you're unfamiliar with using a particular paper, follow the recommendations in the table as to which papers are best-suited to your printer's ink type (Photographic Dye, Archival ink, or UltraChrome ink). In some cases, a different paper may be a better match for your needs, depending on the effects you want to achieve.

Always test samples of paper before purchasing large quantities or running large print jobs in order to be sure it meets your needs.

EPSON papers for the Stylus Pro 10600

Paper type	Roll sizes	Sheet sizes	Compatible ink		
			Photographic Dye	Archival ink	UltraChrome ink
Premium Glossy Photo Paper (250)	8.3-inch roll: S041376 13-inch roll: S041378 24-inch roll: S041638 36-inch roll: S041639 44-inch roll: S041640	11" × 17": S041290 11.7" × 16.5": S041288 13" × 19": S041289	✓	✓	✓
Premium Luster Photo Paper*	44-inch roll: S041463 36-inch roll: S041462 24-inch roll: S041461 20-inch roll: S041645 13-inch roll: S041409 10-inch roll: S041644 8.3-inch roll: S041408	8.5" × 11": S041405 11.7" × 16.5" (A3): S041406 13" × 19": S041407	✓	✓	✓
Premium Semigloss Photo Paper	—	8.5" × 11": S041331 13" × 19": S041327	✓	✓	✓
Premium Semimatte Photo Paper (250)	24-inch roll: S041655 36-inch roll: S041656 44-inch roll: S041657	—	✓		✓

2-4 | Using Paper and Other Media

EPSON papers for the Stylus Pro 10600 (cont.)

Paper type	Roll sizes	Sheet sizes	Compatible ink		
			Photographic Dye	Archival ink	UltraChrome ink
Photo Glossy Paper	44-inch roll: SP91002 36-inch roll: SP91001 24-inch roll: SP91021	—	✓	✓	✓
Photo Semigloss Paper	44-inch roll: SP91004 36-inch roll: SP91003 24-inch roll: SP91022	—	✓	✓	✓
Photo Paper		8.5" × 11": S041141, S041271, S041272 8.3" × 11.7": S041140 11.7" × 16.5": S041142 11" × 17": S041156 13" × 19": S041143 8.3" × 23.4" (Panoramic): S041145	✓		
Photo Quality Ink Jet Paper	—	11" × 17": S041070 13" × 19": S041069 16.5" × 23.4": S041079 17" × 22": S041171 16.5" × 49.21' (Banner): S041102	✓		
ColorLife™ Photo Paper Semigloss	24-inch roll: S041664 44-inch roll: S041666	—	✓		
Presentation Matte Paper	44-inch roll: S041220 36-inch roll: S041221 24-inch roll: S041295	—	✓		
Doubleweight Matte Paper	44-inch roll: S041387 36-inch roll: S041386 24-inch roll: S041385	—	✓	✓	✓
Enhanced Matte Paper	24-inch roll: S041595 36-inch roll: S041596 44-inch roll: S041597	8.5" × 11": S041341 11.7" × 16.5": S041343 13" × 19": S041339		✓	✓

EPSON papers for the Stylus Pro 10600 (cont.)

Paper type	Roll sizes	Sheet sizes	Compatible ink		
			Photographic Dye	Archival ink	UltraChrome ink
Matte Paper Heavyweight	—	8.5" × 11": S041257 11.7" × 16.5": S041260 13" × 19": S041263	✓		
Enhanced Matte Posterboard	—	24" × 30": S041598 30" × 40": S041599		✓	✓
EPSON Proofing Paper Commercial Semimatte	13-inch roll: S041668 24-inch roll: S041658 36-inch roll: S041659 44-inch roll: S041660	—	✓		✓
DuPont®/EPSON Commercial Matte Proofing Paper		13" × 19": S041203	✓		
DuPont/EPSON Commercial Glossy Proofing Paper		13" × 19": S041160	✓		
Glossy Paper Photo Weight	44-inch roll: S041389 22-inch roll: S041388	13" × 19": S041456		✓	✓
Glossy Paper Heavyweight	44-inch roll: S041226 36-inch roll: S041227 24-inch roll: S041291	—	✓		
Semigloss Paper Heavyweight	44-inch roll: S041228 36-inch roll: S041229 24-inch roll: S041292	—	✓		
Backlight Film	44-inch roll: S041484 36-inch roll: S041483 24-inch roll: S041482		✓	✓	✓
Photo Quality Glossy Film	—	8.5" × 11": S041072 11" × 17": S041075 13" × 19": S041074	✓		
Posterboard Semigloss	—	20.25" × 28.75": S041237 28" × 40": S041236	✓		

2-6 | Using Paper and Other Media

EPSON papers for the Stylus Pro 10600 (cont.)

Paper type	Roll sizes	Sheet sizes	Compatible ink		
			Photographic Dye	Archival ink	UltraChrome ink
EPSON Velvet Fine Art Paper*	—	8.5" × 11": S041636 13" × 19": S041637	✓	✓	✓
Somerset Velvet for EPSON Fine Art Paper	24-inch roll: SP91203 44-inch roll: SP91204	24" × 30": SP91200 36" × 44": SP91201 44" × 60": SP91202	✓	✓	✓
Smooth Fine Art Paper*	44-inch roll: S041433 36-inch roll: S041432 24-inch roll: S041431	24" × 30": S041434 36" × 44": S041435	✓	✓	✓
Textured Fine Art Paper*	44-inch roll: S041449 36-inch roll: S041448 24-inch roll: S041447	24" × 30": S041450 36" × 44": S041451	✓	✓	✓
Synthetic Paper**	44-inch roll: S041401 36-inch roll: S041400 24-inch roll: S041399	—	✓	✓	✓
Adhesive Synthetic Paper**	44-inch roll: S041404 36-inch roll: S041403 24-inch roll: S041619	—	✓	✓	✓
Adhesive Vinyl	44-inch roll: S041438 36-inch roll: S041437 24-inch roll: S041436	—	✓	✓	✓
Canvas	44-inch roll: S041533 36-inch roll: S041532 24-inch roll: S041531	—	✓	✓	✓
Tyvek® Brillion™	44-inch roll: S041496 36-inch roll: S041495 24-inch roll: S041494	—	✓	✓	✓
Watercolor Paper-Radiant White	—	13" × 19": S041351	✓	✓	✓

* Requires optional 3-inch high-tension spindle

** Requires optional 2-inch high-tension spindle



Select the Media Type setting as described in step 3 on page 3-4 (for Macintosh) or step 3 on page 4-2 (for Windows).

Selecting the Media Type Setting

When you print, it's important to select an appropriate Media Type setting for the type of paper you're using. The tables on the following pages list recommended settings for many EPSON papers, depending on whether your printer uses Photographic Dye, Archival ink, or UltraChrome ink.

In some cases, you may want to select a different setting from the recommended one, depending on the specific effects you want to achieve. If you're unfamiliar with the paper you're using, you should experiment with different settings to determine which one works best.

Once you've selected the closest Media Type setting, you can fine-tune how your image is printed using the Paper Configuration menu. This lets you adjust certain settings—for example, the paper feed increment or the intensity of the MicroWeave pattern. You can access these settings from the printer's control panel, as described on page 2-28; if your printer uses UltraChrome ink, you can also access similar settings from your EPSON printer software (see page 3-15 for Macintosh or page 4-10 for Windows).



If your EPSON paper is not listed, check the instructions included with the paper, or look on the EPSON web site (<http://prographics.epson.com>).

Select these settings if your printer uses Photographic Dye:

Media Type settings when printing with Photographic Dye ink

Product name	Media Type setting
Premium Glossy Photo Paper (250)	PHOTO GLOSSY PAPER
Premium Luster Photo Paper	PREMIUM LUSTER PHOTO PAPER
Premium Semigloss Photo Paper	PHOTO SEMIGLOSS PAPER
Premium Semimatte Photo Paper (250)	PREMIUM LUSTER PHOTO PAPER
Photo Glossy Paper	PHOTO GLOSSY PAPER
Photo Semigloss Paper	PHOTO SEMIGLOSS PAPER
Photo Paper	PHOTO PAPER
Photo Quality Ink Jet Paper	PHOTO QUALITY INK JET PAPER
ColorLife Photo Paper Semigloss	COLORLIFE PHOTO PAPER SEMIGLOSS
Presentation Matte Paper	PRESENTATION MATTE PAPER
Doubleweight Matte Paper	PHOTO QUALITY INK JET PAPER
Matte Paper Heavyweight	PRESENTATION MATTE PAPER
EPSON Proofing Paper Commercial Semimatte	PHOTO SEMIGLOSS PAPER
Glossy Paper Heavyweight	PHOTO PAPER
Semigloss Paper Heavyweight	PHOTO SEMIGLOSS PAPER
Backlight Film	PHOTO SEMIGLOSS PAPER
Photo Quality Glossy Film	GLOSSY FILM
Posterboard Semigloss	PHOTO SEMIGLOSS PAPER

Use these settings when printing with Archival ink:

Media Type settings when printing with Archival ink

Paper type	Media Type setting
Premium Luster Photo Paper	PREMIUM LUSTER PHOTO PAPER
Premium Semigloss Photo Paper	PREMIUM SEMIGLOSS PHOTO PAPER
Photo Glossy Paper	PHOTO GLOSSY PAPER
Photo Semigloss Paper	PHOTO SEMIGLOSS PAPER

Media Type settings when printing with Archival ink (cont.)

Paper type	Media Type setting
Doubleweight Matte Paper	DOUBLEWEIGHT MATTE PAPER
Glossy Paper Photo Weight	PHOTO GLOSSY PAPER
Backlight Film	BACKLIGHT FILM
EPSON Velvet Fine Art Paper	SMOOTH FINE ART PAPER
Somerset Velvet for EPSON Fine Art Paper	SMOOTH FINE ART PAPER
Smooth Fine Art Paper	SMOOTH FINE ART PAPER
Textured Fine Art Paper	TEXTURED FINE ART PAPER
Synthetic Paper	SYNTHETIC PAPER
Adhesive Synthetic Paper	ADHESIVE SYNTHETIC PAPER
Adhesive Vinyl*	ADHESIVE VINYL
Canvas	CANVAS
Tyvek Brillion*	TYVEK BRILLION
Watercolor Paper-Radiant White	WATERCOLOR PAPER-RADIANT WHITE

* Select the Media - 1 setting if you want to print on this material in high ink duty mode.

In addition to the Media Type settings listed above, there are five additional settings you can use to achieve higher color density (Archival ink only):

- **Media-1, Media-2, and Media-3** let you print with higher ink density on selected outdoor media. This results in a richer, brighter color gamut for your prints. Each of these media types is optimized for use with certain EPSON media (some of which may not be available in your area).
- **High Duty Media-1 and High Duty Media-2** let you print with higher ink density on indoor media, such as point-of-purchase displays. Compared to other media types, **High Duty Media-1** increases the ink duty by 25%, and **High Duty Media-2** increases the duty by 50%. You may have to experiment to test the effect on different media.



Certain Media Type settings may not be available, depending on your installed black ink type (see page 5-15).

Use these settings when printing with UltraChrome ink:

Media Type settings when printing with UltraChrome ink

Paper type	Media Type setting
Premium Glossy Photo Paper (250)	PREMIUM GLOSSY PHOTO PAPER (250)
Premium Luster Photo Paper	PREMIUM LUSTER PHOTO PAPER
Premium Semigloss Photo Paper	PREMIUM SEMIGLOSS PHOTO PAPER
Premium Semimatte Photo Paper (250)	PREMIUM SEMIMATTE PHOTO PAPER (250)
Photo Glossy Paper	PHOTO GLOSSY PAPER
Photo Semigloss Paper	PHOTO SEMIGLOSS PAPER
Doubleweight Matte Paper	DOUBLEWEIGHT MATTE PAPER
Enhanced Matte Paper	ENHANCED MATTE PAPER
Enhanced Matte Posterboard	ENHANCED MATTE POSTERBOARD
EPSON Proofing Paper Commercial Semimatte	PHOTO SEMIGLOSS PAPER
Glossy Paper - Photo Weight	GLOSSY PAPER - PHOTO WEIGHT
Backlight Film	BACKLIGHT FILM
EPSON Velvet Fine Art Paper	SMOOTH FINE ART PAPER
Somerset Velvet for EPSON Fine Art Paper	ENHANCED MATTE PAPER (roll) or ENHANCED MATTE POSTERBOARD (sheet)
Smooth Fine Art Paper	SMOOTH FINE ART PAPER
Textured Fine Art Paper	TEXTURED FINE ART PAPER
Synthetic Paper	ENHANCED SYNTHETIC PAPER
Adhesive Synthetic Paper	ENHANCED ADHESIVE SYNTHETIC PAPER
Canvas	CANVAS

Using Roll Paper



You can purchase roll paper spindles and other options from the EPSON Pro Graphics web site (<http://prographics.epson.com>) or your authorized EPSON dealer. See page 2 for additional information.

The printer comes with one 2-inch and one 3-inch spindle, so you can have two types of roll paper available for printing at all times (with manual switching). Switching from one paper roll to another is a simple process.

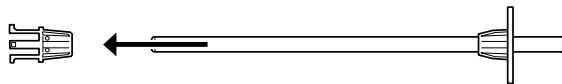
High-tension spindles (available in both 2-inch and 3-inch diameters) are recommended options for printing on certain media such as EPSON Synthetic Paper, Smooth Fine Art Paper, and Textured Fine Art Paper; the higher tension keeps the paper from unrolling during use.

Other options for using roll paper include the Automatic Take-up Reel System (see your online *Reference Guide* for operating instructions) and the Manual Media Cutting System (for use with heavy media).

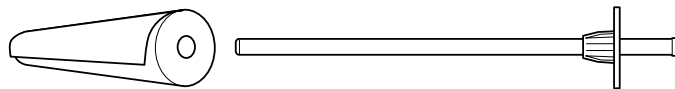
Loading Paper onto the Spindle

To load roll paper onto a spindle, follow these steps:

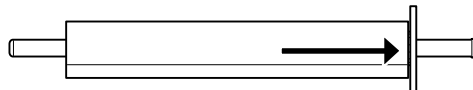
1. Slide the removable paper stop off the left end of the spindle.



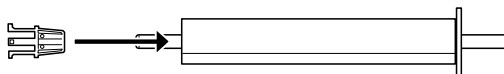
2. Position the roll so the paper unwinds as shown:



3. Slide the roll onto the spindle so it fits securely against the paper stop.



4. Slide the removable paper stop back onto the spindle and insert it into the end of the roll.



Loading Roll Paper for Printing

Once roll paper is placed on the spindle, follow these steps to load it in the printer:

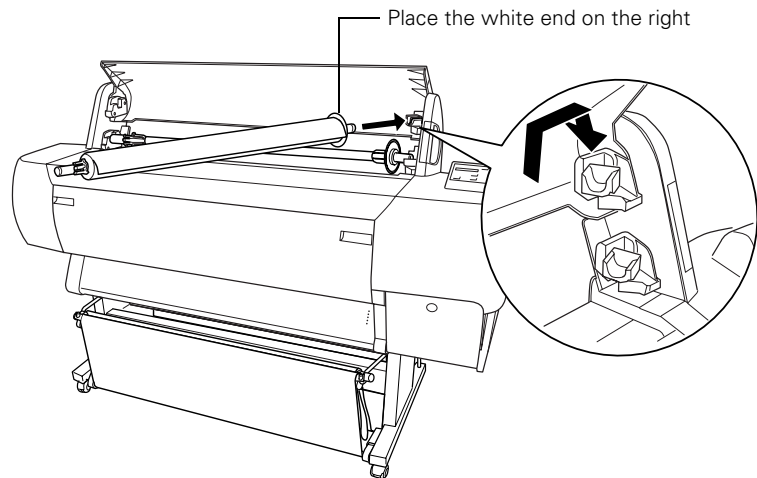
1. Open the printer's roll paper cover.
2. Insert the white end of the spindle into the right mounting bracket inside the printer.



Note

When both 2-inch and 3-inch spindles are loaded, place the 3-inch spindle in the upper position and 2-inch spindle in the lower position. This keeps the paper being fed from the upper roll from rubbing against the lower roll.

Be sure to wrap one of the roll paper belts around the roll you're not using. See page 2-18.

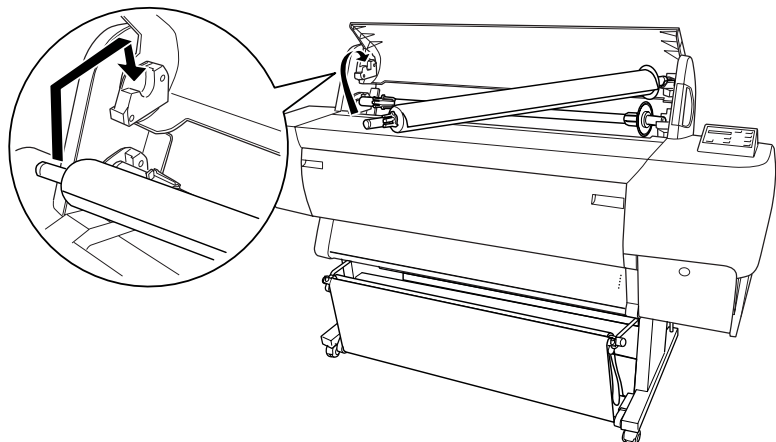


3. Place the black end of the spindle into the corresponding left mounting bracket inside the printer.



Warning

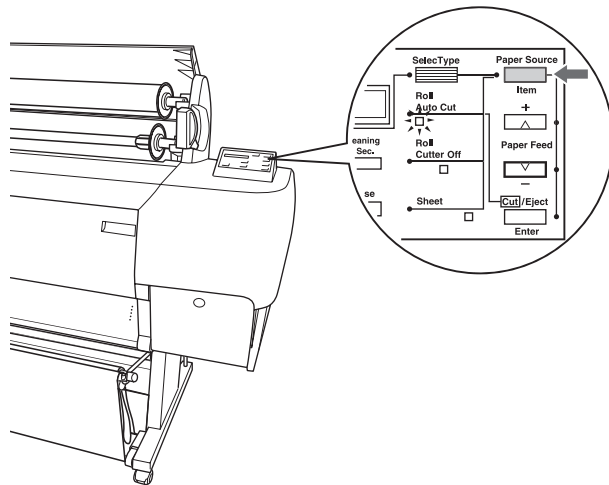
Never attempt to load two 3-inch spindles at the same time. They won't fit and could roll out of the mounting brackets.





To avoid feeding excess paper, make sure you don't select **Sheet** when you're using roll paper.

4. Press the **Paper Source** button to select either **Roll Auto Cut** or **Roll Cutter Off**.
 - Choose **Roll Auto Cut** if you want the paper to be cut automatically after each page is printed.
 - Choose **Roll Cutter Off** if you're printing on canvas, vinyl, or other heavy media (see list below). Media that is too thick may damage the cutter. Also choose this setting if you're using the optional auto take-up reel, or if you want to print a series of pages and keep them together for later cutting.

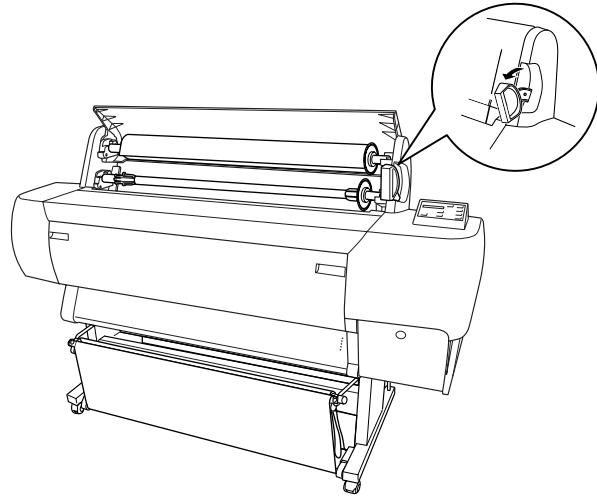


Always select **Roll Cutter Off** if you're printing with one of these EPSON media:

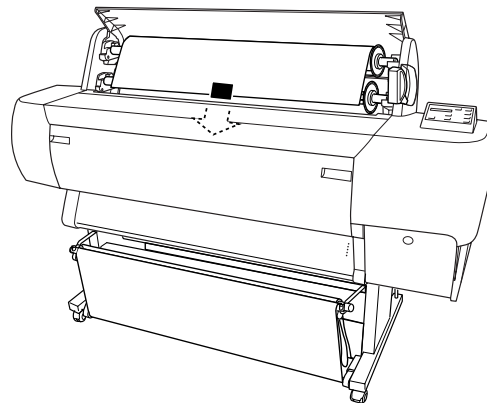
- Enhanced Matte Posterboard
- Posterboard Semigloss
- Velvet Fine Art Paper
- Somerset Velvet for EPSON Fine Art Paper
- Smooth Fine Art Paper
- Textured Fine Art Paper
- Adhesive Vinyl
- Canvas

When done printing, cut the paper manually using scissors or the optional Manual Media Cutting System (see page 2 for ordering information).

5. Pull the paper set lever out to the released position. The Paper Out light on the control panel comes on and LOAD PAPER appears on the control panel display.



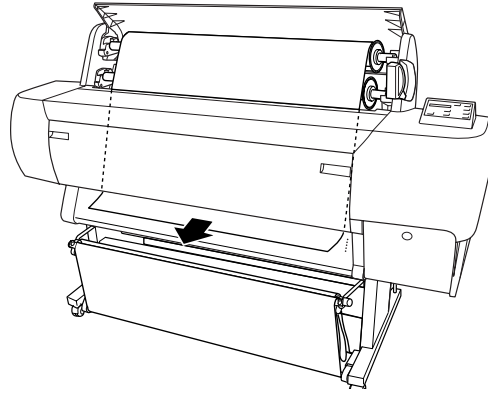
6. Feed the paper into the paper slot. You hear the paper suction fans come on.



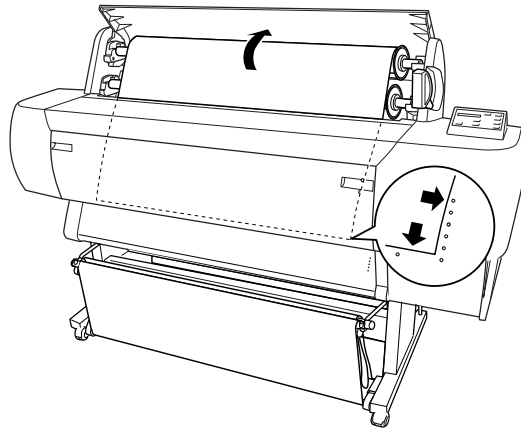
7. If you're loading heavy paper, you may need to increase the suction strength by pressing the Paper Feed + button. This helps hold the paper in place during loading and printing.

For lightweight paper, decrease the suction by pressing the Paper Feed – button. This makes it easier to feed the paper.

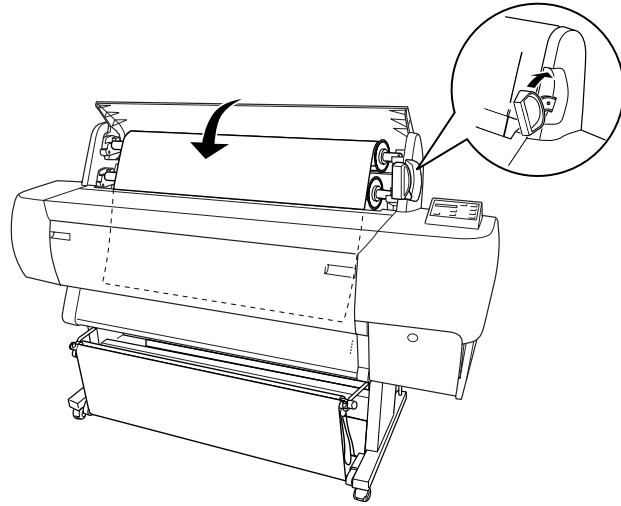
8. Pull the paper down so it extends all the way through the slot.



9. Turn the roll back to remove any slack. Then align the paper with the two rows of holes at the paper exit.



10. Push the paper set lever all the way in, then close the roll paper cover. **PRESS PAUSE BUTTON** appears briefly on the control panel display.



To avoid damaging the printer, never move the paper set lever while the **Operate** or **Pause** light is flashing.

11. Press the **Pause** button. The print head moves and the paper feeds into printing position automatically. **READY** appears on the control panel display. (Even if you don't press **Pause**, the paper and printer move into printing position automatically after 10 seconds.)



When using a paper stock or other printing material for the first time, it's a good idea to test it on a small print job. Then you can adjust your print settings for best results.

Selecting Print Settings for Roll Paper

Before printing, you need to make sure you select the correct settings in your printer software. If you're using the EPSON printer driver, check the following:

- Always choose an appropriate Media Type setting in your printer software before you send your job. See page 2-7 for instructions. If you're printing on non-EPSON paper, or on a paper type not supported by the driver, you may need to use the Paper Configuration menu to obtain the best results. See page 2-28.
- Always select the correct paper source (roll or sheet) in both the printer software and on the printer's control panel. See page 3-2 (Macintosh) or page 4-5 (Windows) for instructions on selecting the paper source in your printer software.

You may also wish to print trim lines (page 2-26), adjust the paper margins (page 2-26), or change how the paper basket catches your printouts as they come out of the printer (page 2-23).

Cutting Your Printouts from the Roll

Before removing your printouts, you need to make sure they're cut from the roll. If you're using the **Roll Auto Cut** setting, your printouts are cut for you automatically. If not, do one of the following:

- If you're printing on heavy media such as canvas or vinyl, **Roll Cutter Off** should be selected (since heavy media can damage the built-in cutter). Cut the paper manually using scissors or the optional Manual Media Cutting System.
- If you're printing on paper of ordinary thickness, you may have selected **Roll Cutter Off** (for example, to keep all your printouts together for later cutting). If so, you can use the built-in cutter to cut off your last printout:
 1. If the paper is not positioned correctly, press one of the **Paper Feed** buttons to adjust the paper position. Normally, you don't need to do this after a print job is finished.
 2. Press **Paper Source** until the **Roll Auto Cut** light comes on.
 3. Press the **Cut/Eject** button. The paper is cut.



See page 2 to order the Manual Media Cutting System. For information on attaching and using the cutter, refer to the manual that comes with it.

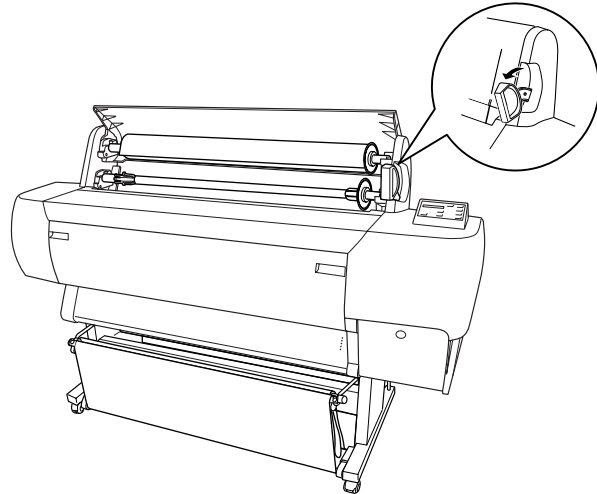


To avoid damaging the printer, never move the paper set lever while the **Operate** or **Pause** light is flashing.

Removing Unused Roll Paper

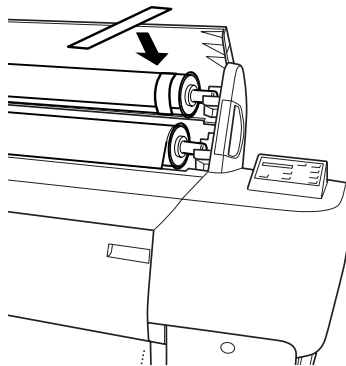
Once your printouts are removed from the printer, follow these steps to remove any unused paper:

1. Pull the paper set lever out to the released position.

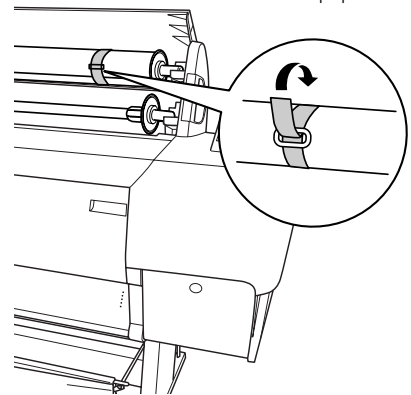


2. Wind the remaining paper back onto the roll.
3. Secure the paper with a roll paper belt. The shorter belt is for 2-inch roll paper; the longer one is for 3-inch rolls.

2-inch roll paper belt



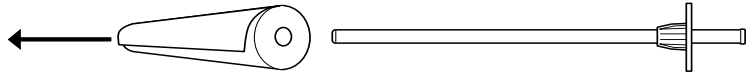
3-inch roll paper belt





To avoid damaging the spindle, do not tap the end of it on the floor.

4. Remove the roll paper and spindle from the printer.
5. To remove the paper from the spindle, lay it on a flat surface, then loosen the removable paper stop by tapping it with your hand. Slide the paper stop off the end of the spindle, then remove the paper.



Always store unused roll paper in its original package—including the bag, end caps, and box.

Using Cut Sheet Paper

You can print on many types of cut sheet paper and other media. The printer accepts sheets ranging from letter-size (8.5 × 11 inches) to 44 × 62.2 inches. You can leave your roll paper in the printer when you print on cut sheets; just make sure it's rolled up and fastened with the roll paper belt(s), as described on page 2-18.

If you're using stock more than 19 mil (0.5 mm) thick, see page 2-20 for instructions. You will not be able to follow the procedure described in this section.

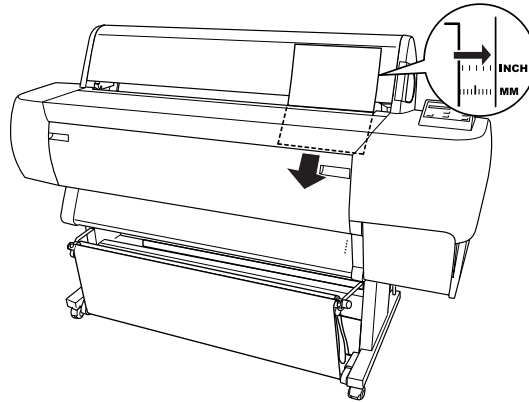
Follow these steps to load cut sheets:

1. Make sure the printer is on and the roll paper cover is closed.
2. Press the **Paper Source** button until the **Sheet** light comes on.
3. Make sure the paper set lever is pushed all the way in, in the secured position.



If PRESS PAUSE BUTTON doesn't appear, you may have the wrong paper source selected (see step 2).

4. Feed the sheet into the paper slot until it meets resistance. Make sure the right edge of the paper is straight and aligned with the scale on the roll paper cover. You see **PRESS PAUSE BUTTON** on the control panel display.



5. Press the **Pause** button. The print head moves and the sheet feeds into printing position automatically. **READY** appears on the control panel display.
6. Print your page. After it is finished, the sheet stays in the printer.
7. To remove your print, hold it while pressing the **Paper Feed (-)** button.

Printing on Posterboard

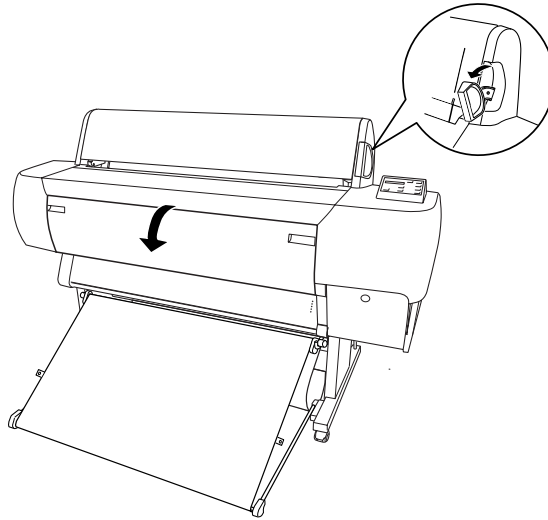
You can print on heavy stock up to 44 × 62.2 inches, such as EPSON Posterboard Semigloss (available in sizes up to 28 × 40 inches). Follow these instructions when you print on posterboard or other media more than 19 mil (0.5 mm) thick.



Make sure the board is not bowed and its surface is not wrinkled, or it could damage the print head.

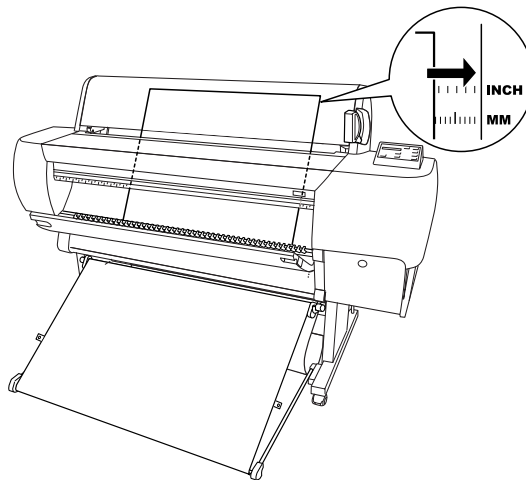
1. Set the paper basket to catch your printouts in front of the printer. See page 2-23 for instructions.
2. Make sure no other paper is loaded for printing. You can leave roll paper in the printer, but wind it up fully and secure it with the roll paper belt (see page 2-18).
3. Press the **Paper Source** button until the **Sheet** light comes on.

4. Pull the paper set lever out, to the released position. Then open the lower cover. (The cover has tabs that support the posterboard.)



If you're using stock more than 39 inches long, load it long edge first (in landscape orientation).

5. Feed the posterboard into the paper slot until it meets resistance.
6. Align the board with the scale on the roll paper cover.



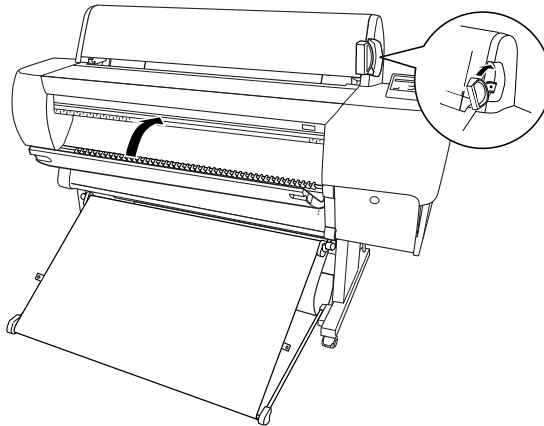


To avoid damaging the printer, never move the paper set lever while the **Operate** or **Pause** light is flashing.



If print quality is not satisfactory, you may need to adjust the platen gap. See page 2-25.

7. Push the paper set lever all the way in, then close the lower cover. **PRESS PAUSE BUTTON** appears on the control panel display.



8. Press the **Pause** button. The print head moves and the board feeds into printing position automatically. **READY** appears on the control panel. (Even if you don't press **Pause**, the board and printer will move into printing position automatically after 10 seconds.)
9. Run your print job. After it is finished, the posterboard stays in the printer.
10. To remove the print, hold it while pulling the paper set lever out to the released position.



When you print on posterboard, set the basket to catch printouts in front of the printer.

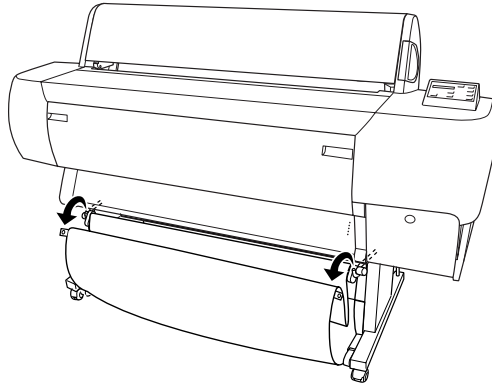
Using the Paper Basket

The paper basket is a cloth sheet that attaches to your printer and catches your printouts as they come out. This keeps the printouts from getting dirty or wrinkled. You can set up the basket either to catch the paper under the printer or to let it feed straight out in front.

Catching Printouts in Front of the Printer

Follow these steps to set up the basket in front of the printer:

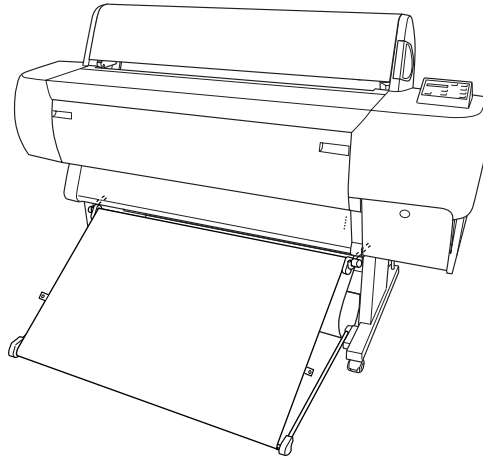
1. Unhook the basket rings from the metal rods, if they're hooked.





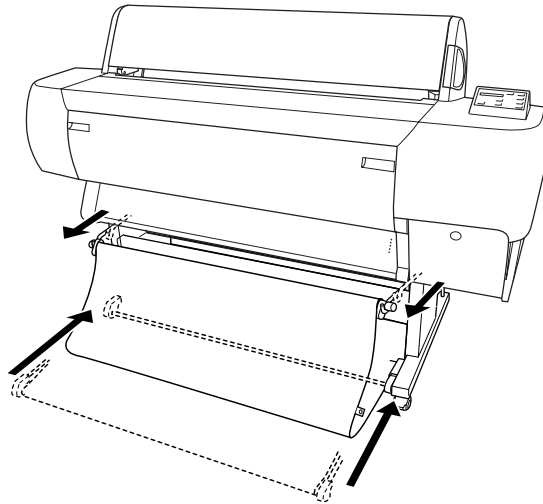
Make sure the surface of the basket is stretched taut. If there is any slack, the paper may not slide properly to the floor.

2. Push the upper metal rods all the way in. Then fully extend the lower metal rods, so they rest on the floor.



Catching Printouts Under the Printer

To catch printouts under the printer, push the lower rods all the way in. Then extend the upper rods all the way out to their full length.



Creating Custom Print Settings

You can use the printer's SelecType™ menu options to control how the printer handles and prints on various kinds of paper. See these sections:

- “Using the Printer Setting Menu” below
- “Using the Paper Configuration Menu” on page 2-28

Using the Printer Setting Menu

You can use the Printer Setting menu to set the platen gap, print page lines, control roll paper margins, and turn on or off paper monitoring features. These settings apply to all your print jobs. You can restore the default settings as described on page 2-27.

Setting the Platen Gap



The printer could be damaged if the print head comes in contact with the paper.

When you print on extra-thin or thick stock, you may need to adjust the platen gap setting. This physically moves the print head closer to or farther from the paper. Normally, the **AUTO** setting allows the printer to adjust automatically. However, if print quality is not satisfactory when you use paper of unusual thickness, change this setting to **NARROW** or **WIDE**, as needed. Follow these steps:

1. Press the **SelecType** button. **PRINTER SETTING MENU** appears on the display.
2. Press the **Item** button. **PLATEN GAP=AUTO** appears on the display.
3. Press the **+** or **-** button to select **PLATEN GAP=WIDE** or **PLATEN GAP=NARROW**.
4. Press the **Enter** button to save the new setting.
5. Press the **Pause** or **SelecType** button to exit the Printer Setting menu.



You may also need to profile your paper's thickness after changing the platen gap. See page 2-29.

The letter **W** or **N** appears on the right side of the control panel display to remind you of the new setting. When you switch media, don't forget to change this setting back to **AUTO**.

Printing Trim Lines

If you're printing on roll paper, you can have the printer print trim lines on the right edge of your images or pages (if you're using Auto Cut) or on the right and bottom edge (if you're not using Auto Cut). Follow these steps:

1. Press the **SelecType** button. You see the **PRINTER SETTING MENU**.
2. Press the **Item** button repeatedly until you see **PAGE LINE=OFF**. This is the default setting.
3. Press the **+** or **-** button. **PAPER LINE=ON** appears on the display.
4. Press the **Enter** button to save your new setting.
5. Press the **Pause** or **SelecType** button to exit the Printer Setting menu.

If you're using the EPSON printer driver, you can also specify trim lines through your print options. See page 3-3 (Macintosh) or page 4-6 (Windows) for more information.

Controlling Roll Paper Margins



Print quality may be affected near the cut edges if you change the top and bottom margins to 3 mm.

The default margins for roll paper are 0.12 inches or 3 mm (left and right) and 0.59 inches or 15 mm (top and bottom). You can use the Printer Settings menu on the control panel to set all margins to 3 mm or 15 mm.

1. Press the **SelecType** button. **PRINTER SETTING MENU** appears on the display.
2. Press the **Item** button repeatedly until **ROLL MARG=T/B15MM** appears on the display. This is the default setting.
 - Press the **+** button once to set all margins to 3 mm. **ROLL MARG=3MM** appears on the display.
 - Press the **+** button again to set all margins to 15 mm. **ROLL MARG=15MM** appears on the display.

You can use the **+** or **-** button to cycle through all three settings.

3. When you select the setting you want, press the **Enter** button to save it. Then press the **Pause** or **SelecType** button to exit the menu.

Turning Off Paper Monitoring

The printer normally stops and displays an error message if you try to print an image wider than the paper, or if paper is fed at an angle. You can turn off the paper size check and/or paper alignment check if you don't want to use these monitoring features. However, ink may be sprayed on the platen if you print an image that is too wide for the paper. Follow these steps to turn off paper monitoring:

1. Press the **SelecType** button. **PRINTER SETTING MENU** appears on the display.
2. Press the **Item** button repeatedly until **PAPER SIZE CHK=ON** or **PAPER ALIGN CHK=ON** appears on the display.
3. Press the **+** or **-** button. **PAPER SIZE CHK=OFF** or **PAPER ALIGN CHK=OFF** appears on the display.
4. Press the **Enter** button to save your new setting.
5. Press the **Pause** or **SelecType** button to exit the Printer Setting menu.

Restoring Default Settings

You can erase all settings you have made in the Printer Setting menu and restore them to their default values. Follow these steps:

1. Press the **SelecType** button. **PRINTER SETTING MENU** appears on the display.
2. Press the **Item** button repeatedly until **INIT SETUP=EXEC** appears on the display.
3. Press the **Enter** button to erase all settings and restore the defaults.
4. Press the **Pause** or **SelecType** button to exit the Printer Setting menu.



If you're using Ultra-Chrome ink and printing from the EPSON printer driver, you can also select and save paper configuration settings from there. The printer uses those settings, unless you override them by selecting paper settings from the control panel.

Using the Paper Configuration Menu

When you choose a media type in your EPSON printer software, the driver automatically determines the best settings for your paper. However, you may want to fine-tune how the printer handles various papers—especially if you use non-EPSON paper, a paper not supported by the driver, or if you're printing from a third-party RIP station. You can use the printer's Paper Configuration menu to create customized settings for your paper.

If you want the settings to affect all your print jobs, follow the steps below. Or you can create and save a group of settings for each type of paper you're printing on (up to 10 types), and select them whenever you print on a particular stock (see page 2-29).

1. Press the **SelecType** button until **PAPER CONFIG. MENU** appears on the display.
2. Press the **Item** button. **PAPER NUMBER=STD** appears on the display.
3. Continue pressing the **Item** button to select any of the following menu options, then press the **Enter** button.

Paper configuration options

Menu option	Function
CUT PRESSURE	Decreases the cutting blade pressure for thinner papers. Provides a cleaner cut.
CUT METHOD	Lets you choose between a 3-step and 4-step cutting method. For more exact cuts on thicker or thinner paper, choose 4-step.
PPR FEED ADJ	Lets you eliminate horizontal banding (narrow lines) when printing at high speed (low resolution). Increase if you notice dark bands; decrease for lighter bands.
DRYING TIME	Use when printing with non-EPSON media. You can make the print head wait up to 10 seconds after each pass to allow ink to dry on the page.
SUCTION	Lets you decrease the paper suction level when printing on thinner papers (less than 12 lb), such as CAD drafting paper or backlight film.
PRINT ADJUSTMENT	Adjusts the intensity of the MicroWeave® pattern. Increase the value for faster print speed; decrease the value for higher print quality but lower print speed.

4. Use the + or - button to make any necessary changes, then press **Enter** to save your new setting.
5. To adjust another setting, continue pressing the **Item** button until you see the desired menu option.
6. When done, press the **Pause** or **SelectType** button to exit the menu.

Saving Your Settings

You can create up to 10 groups of settings, one for each type of paper you want to use. When doing so, you can also profile your paper's thickness. Then you can easily select your customized settings whenever you print on a particular stock.

1. Press the **SelectType** button until **PAPER CONFIG. MENU** appears on the display.
2. Press the **Item** button. **PAPER NUMBER=STD** appears on the display.
3. If you're registering your first roll or type of paper, press the + button to select **PAPER NUMBER=1**. Then press the **Enter** button.

For subsequent rolls, continue pressing the + button to select the number you want to register.

4. Press the **Item** button. **THICK. PAT.=PRINT** appears on the display. Press **Enter** to print the paper thickness test pattern.

Following is a sample pattern:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

5. Examine the printed pattern to determine which set of lines is the straightest or has the most even edges, and note the corresponding number.

In the sample pattern, the lines under number 4 are the straightest.



It's a good idea to keep a list of your registered paper types and numbers.

6. Press the + or - button to select the number noted in step 5. Then press **Enter**.
7. Press the **Item** button to select any of the menu options listed in the table on page 2-28.
8. Use the + or - button to make any necessary changes, then press **Enter** to save your new setting.
9. Press the **Pause** or **SelectType** button to exit the Paper Configuration menu.

Once you have created your customized settings, you can recall them whenever they're needed:

1. Press the **SelectType** button until **PAPER CONFIG. MENU** appears on the display.
2. Press the **Item** button. You see **PAPER NUMBER=1**.
3. Press the + or - button to select the registered number you want to use, or select the standard setting, **STD**. Then press the **Enter** button.
4. Press the **Pause** or **SelectType** button to exit the Paper Configuration menu.

When you change media, make sure you select the correct setting or change it back to **STD**.

Chapter 3: Printing with EPSON Drivers for Macintosh

Your EPSON Stylus Pro 10600 comes with drivers and utilities that let you print and manage print jobs in non-PostScript® mode without a RIP. ICC profiles for ColorSync® 3.x are included, so you can use advanced color management features from your applications or the driver itself.

This chapter includes the following information:

- Choosing page setup options
- Choosing basic print options
- Choosing advanced print options
- Managing print jobs
- Checking printer status



Many application settings override the printer's page setup options. Always verify settings to get the results you expect.

If you need more information about print options, click the ? button on any dialog box.

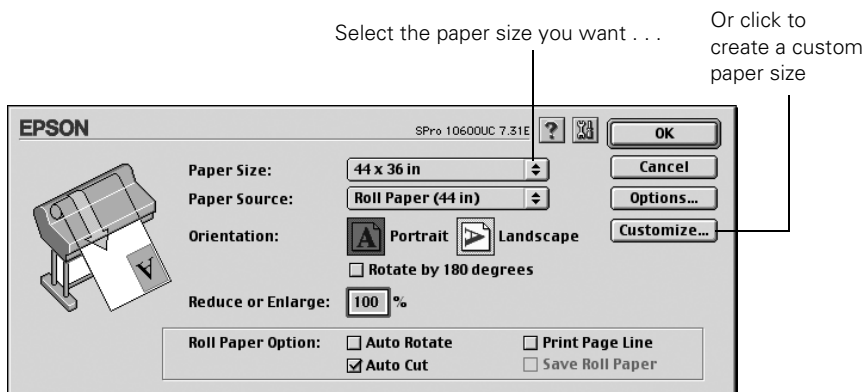


Creating a custom paper size lets you make the best use of roll paper. You can also use the customize dialog box to change the margins on your paper.

Choosing Page Setup Options

Many of the page setup options correspond to paper handling features that you can also set through the control panel. Software options give you additional settings and override control panel settings. Follow these steps to choose page setup options:

1. Start an application, open a file, and choose **Page Setup** from your application's File menu. You see the page setup dialog box:



2. Select the **Paper Size** you want, based on the size of your image. If you prefer a custom paper size, click **Customize** and enter the size (inches or centimeters).

3. Select the type of paper you loaded (**Roll Paper** or **Sheet**) from the **Paper Source** list.

If your image is more than 90.5 inches long, select **Roll Paper (Banner)**. You can also use this setting to print a series of continuous images without any “margin space” between them.

4. If you’re using roll paper, you can set the following options:

- **Auto Rotate**
Saves paper if your document length is shorter than the printable width of the paper roll. Your image is rotated automatically by 90 degrees and printed crosswise.
- **Auto Cut**
Choose this option if you want the paper to be cut automatically after each page is printed (not available for thicker media types).
- **Print Page Line**
Prints trim lines on the right and bottom edges of your pages.
- **Save Roll Paper**
Saves paper by not feeding the blank portion of the last page of your document. Available only when you’ve selected **Roll Paper (Banner)** as the Paper Source.

5. Make the settings you want for **Orientation**, **Reduce or Enlarge**, and **Printable Area** (available when **Paper Source** is set to **Sheet**).
6. After making your settings, click **OK**.



These settings override settings made through the control panel.



Select **Landscape** only if you want to rotate your image 90°.

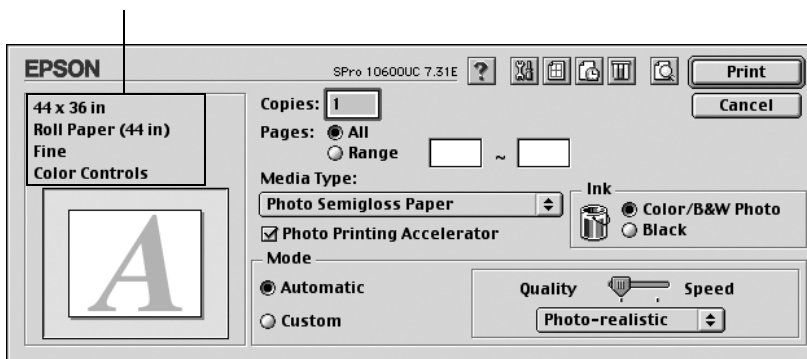
Choosing Basic Print Options

Once you have selected your page setup options, you need to select printing options. The EPSON driver offers automatic settings that optimize print quality and speed when you're using EPSON media. You can also choose advanced settings for more control over your printer and color management options, as described on page 3-6.

Follow these steps to make basic settings:

1. Choose **Print** from the File menu of your application. You see a dialog box like this one:

This area shows the current settings, but you can't change them from here



2. Choose the number of **Copies** and indicate which **Pages** you want to print.
3. Select a **Media Type** setting appropriate for the media you're printing on, as described on page 2-7.
4. For the ink type, select the correct setting for the type of image you're printing:
 - For color photographic images, select **Color** (if you have a Photographic Dye or Archival ink printer) or **Color/B&W Photo** (if you have an UltraChrome ink printer).
 - Select **Black** only if you're printing line drawings or other non-photographic images.

5. Set the **Mode** option as follows:
 - Click **Automatic** to have the printer driver analyze the contents of your image or file and make the appropriate printing adjustments. If a **Quality/Speed** slider appears in the Mode box, set it according to the priorities of your print job. (Depending on the Media Type setting, this slider may not appear.)
 - Or click **Custom**. Then choose one of the print job types from the custom settings list, as described in the next step, or click the **Advanced** button and see “Choosing Advanced Print Options” on page 3-6 for details.
6. Depending on your print mode (Automatic or Custom), you can select one of the following options from the pull-down menu:

Automatic print mode






Setting	Usage
Photo-realistic	Produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness. Corrects for overall under- or over-exposure of the original image.
Vivid	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.

Custom print mode

Setting	Usage
Advanced Photo	Prevents the misprinting of ink dots that may occur because of the movement of the print head and paper. Available only when you choose photo or photo-quality media types.
Text/Graph	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.
ColorSync	Adjusts colors based on your printer’s ICC profile, using the perceptual rendering intent.



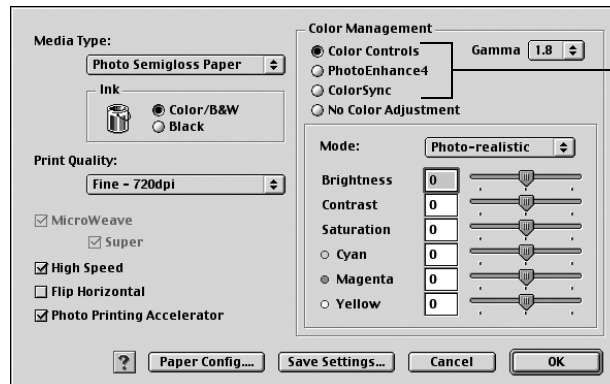
You can also create your own settings and add them to this list. See page 3-8 for more information.

7. Choose from the following buttons to access additional features:
 - Click  to access the printer monitoring and maintenance utilities. See page 3-14 for more information about the Status Monitor utility. See Chapter 6 for details about the maintenance utilities.
 - Click  if you want to reduce your image to fit on the page, or for other layout options.
 - Click  to turn on background printing. This lets you work on your Macintosh while you're printing and use the Monitor3 utility. See page 3-11 for more information.
 - Click  and then click the **Preview** button to preview your print.
 - Click  to check your ink levels.
8. When you're finished choosing print options, click **Print**.

Choosing Advanced Print Options

The advanced print options give you complete control over your printing environment. Use these settings to experiment or to fine-tune a range of options to meet your individual needs. Follow these steps to print with advanced settings:

1. Follow steps 1 through 4 on page 3-4.
2. Click **Custom** and then click **Advanced**. You see a dialog box similar to this:



These three settings give you different options on the lower part of the screen

3. If necessary, you can change your **Media Type** and **Ink** settings.
4. Choose one of the following **Print Quality** settings:

- **Normal - 360dpi**
For faster printing and everyday needs
- **Fine - 720dpi**
For high quality photos and prints (deselect the **High Speed** checkbox to achieve photo lab quality)
- **SuperFine - 1440dpi**
Better than photo lab quality

The available print quality settings are limited by the **Media Type** setting. Choose lower print quality for faster printing, or **SuperFine - 1440dpi** for best quality.

5. Choose any of the following:

- **MicroWeave and Super MicroWeave**
Eliminate unwanted banding effects. These settings are automatically selected for most media types. If you notice banding with the standard **MicroWeave** setting, select **Super MicroWeave**.
- **High Speed**
For fast, bidirectional printing at lower quality. If vertical lines in your printout are misaligned when you use the **High Speed** setting, you may need to turn it off or realign the print head.
- **Flip Horizontal**
For printing a mirror image of your file. Use with backlight film.



Leave Photo Printing Accelerator turned on. See page 1-33 for details.

6. Choose one of the following Color Management settings:
 - **Color Controls**
Lets you specify individual values for adjusting brightness, contrast, saturation, and CMY inks, or choose from the three Color Adjustment modes. You can also choose from three Gamma settings, which control image contrast by modifying the midtones and midlevel grays. For descriptions of the available settings, see the table on page 3-9.
 - **PhotoEnhance4**
Allows you to correct noise and other problems common to digital camera images. Also lets you see a sample image that reflects the settings you choose. See page 3-9 for a description of the available settings.
 - **ColorSync**
Lets you select from three Rendering Intent settings for mapping colors to your printer's EPSON Standard profile. (See page 3-10 for descriptions of the available settings.) Normally, you should use the color management features of your imaging software instead.
 - **No Color Adjustment**
Disables color management in the printer driver. Choose this mode if you want to use your own color management system.
7. Click **Save Settings** if you want to have your advanced settings available for reuse. Then type a name for the group of settings and click **Save**. The name is added to your list of custom settings.
8. When you're finished setting advanced printer options, click **OK**.



If you turn off color management, you can still control the ink density. See “Paper Configuration Options” on page 3-10.

Color Management Settings

Notice: Output Viewing Conditions

Due to the nature of all pigment inks, lighting conditions can affect the appearance of printer output. For example, a print viewed under daylight may appear to have a slightly different color balance when viewed under tungsten lighting. Care should be taken that the prints are produced for the lighting conditions in which they will be displayed.

The EPSON printer driver was designed to represent color accurately when prints are illuminated with a D50 (daylight) light source. For optimum results, understand your output display conditions before printing.

The following tables list the color management settings available when you choose either Color Controls, PhotoEnhance4, or ColorSync.

PhotoEnhance4 is designed to enhance images captured using video cameras, digital cameras, or scanners. Depending on your system and the size of the image, printing with PhotoEnhance4 may take longer.

Color control modes and Gamma settings

Automatic	Analyzes the color information in your image and optimizes color correction accordingly.
Photo-realistic	Produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness. Corrects for overall under- or over-exposure of the original image.
Vivid	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.
1.5 Gamma	Produces the same contrast values as earlier EPSON ink jet printers.
1.8 Gamma	Increases contrast.
2.2 Gamma	Matches image colors with sRGB devices.

PhotoEnhance4 settings

Tone	Lets you choose from Normal for standard tone correction, Hard for high contrast, Vivid for more intense colors (as defined above), Sepia , and Monochrome .
Effect	Lets you choose from four special effects (and set the intensity using the Low/High slider): Sharpness , Soft Focus , Canvas , and Parchment .
Digital Camera Correction	Corrects noise and other flaws common to digital camera images.

ColorSync Rendering Intent settings

Perceptual	For photographic images. Maintains the relationship between colors as it scales them to fit within your printer's color gamut.
Saturation	For charts and business graphics. Maintains the relative saturation of colors from one gamut to another.
Colorimetric	For projects with known colors, such as labels and packaging. Maintains colors that fall within the gamut of both your monitor and printer.

Paper Configuration Options

To access the paper configuration settings, click the **Paper Config** button in the Advanced dialog box (available with UltraChrome ink printers only).

The following settings are available. They override any paper configuration settings you may have made using the printer's control panel (page 2-28).

Paper Configuration settings


Color Density	Use this to control the ink saturation level (for example, when you turn off color management in your printer software).
Drying Time per Print Head Pass	You can make the print head wait up to 5 seconds after each pass to allow ink to dry on the page.
Paper Feed Adjustment	Lets you eliminate light or dark bands when printing at high speeds.
Paper Thickness	Eliminates vertical banding and creates a sharper image when printing on unusually thick or thin paper (0 to 1.5 mm).
Paper Suction	Lets you decrease the paper suction level when printing on thinner papers (less than 12 lb), such as CAD drafting paper or backlight film. Eliminates the vertical banding that can be caused when thinner papers become saturated with ink.
Cut Method	Decreases the cutting blade pressure for thinner papers, to provide a cleaner cut.

Managing Print Jobs

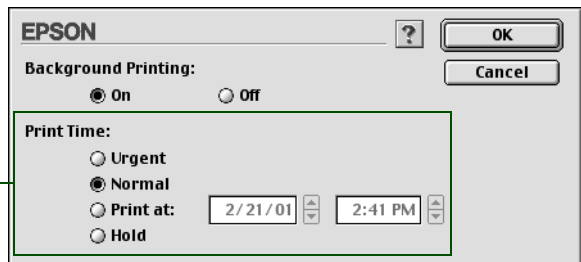
Your printer comes with several utilities that let you check on your print jobs and schedule, cancel, pause, or restart them. First you need to set up background printing, so you can continue to work on your Macintosh while a file is being printed. Note that background printing is slower and may also slow down your system.

Setting Up Background Printing

You can set up background printing from the Chooser, as described on page 1-28, or you can use the background printing button on the print dialog box. Follow these steps to set up background printing:

1. Start an application, open a file, and choose **Print** from the File menu.
2. Click the background printing button . You see the following dialog box:

Not available if background printing is turned off



3. To turn background printing on, click the **On** button.
4. To select a priority for your print job in the queue of jobs waiting to print, click one of the following:
 - **Urgent** to print before any Normal priority job
 - **Normal** to print in the order the job is received
 - **Print at:** to print at the specific time you enter in the day and time in the fields to the right
 - **Hold** to hold the print job in the print queue until you're ready to release it using Monitor3; see the following section for details.

5. Click **OK** to save your settings and return to the printer settings dialog box.
6. Click **Print** to print your document.

If you selected **Print at:** or **Hold**, your document is spooled, but held in the print queue until the print time specified or until released using Monitor3, as described in the following section.

Using Monitor3

The Monitor3 utility lets you prioritize and control your print jobs as well as monitor their progress.



You must turn on background printing to view the EPSON Monitor3 window. See page 3-11 for instructions.

After you send a print job, click the current application icon at the right end of the menu bar and select **EPSON Monitor3**. You see a window like the following:



Document Name	Priority	Paper Size	Media Type	Copies
SS13004.JPG	Hold	US C 17 ...	Photo Gl...	1

Labels in the image point to: 'Current print job' (the progress bar area), 'Jobs waiting to print' (the table), and 'Click to set priorities or print times for waiting print jobs' (the 'Show details' button).

The progress bar tracks the current print job. To cancel, pause, or restart a print job, click the document's name, then click one of the following buttons:

- Click to delete
- Click to restart
- Click to pause

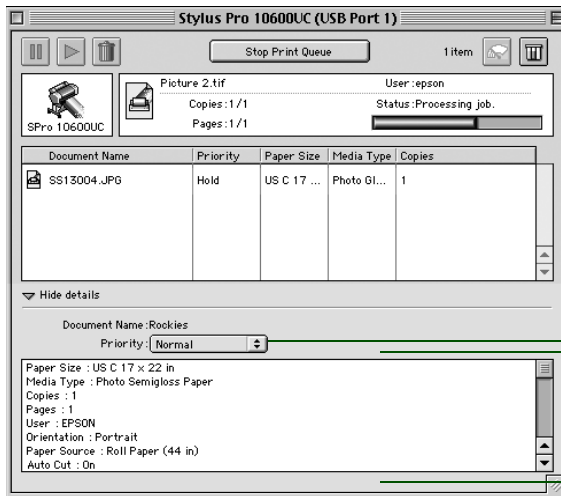
You can also do the following:

- Double-click a file in the list to preview it
- Double-click **Copies** to change the number of copies to be printed
- Click  to check your ink levels
- Click  to start the print head cleaning utility. See page 5-4 for more information about the cleaning utility.

If you want to view details of a print job, click the job, then click the **Show details** arrow. The **Priority** list becomes active.




If you see a stop sign icon and the message **Print queue on hold** in the EPSON Monitor3 dialog box, select **Start print queue** from the Printer menu to release the queue and resume printing.

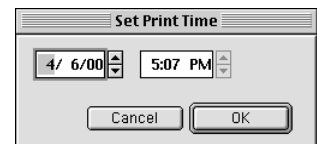


Priority list box

Settings selected for the highlighted print job



Click the print job whose priority you want to change. Then click the **Priority** list box and select one of the following settings:

- **Normal** prints the job in the order it is received
- **Urgent** moves the job before Normal priority jobs in the print queue
- **Hold** holds the job in the print queue until you're ready to release it for printing by clicking  restart
- **Print Time** opens the Set Print Time dialog box. Enter the date and time you want to print the document, then click **OK**.



Cancelling Printing


If you need to cancel a print job, follow these steps:

1. Press the **Power** button to turn off the printer.
2. Do one of the following, depending on whether you're using background printing:
 - If background printing is turned off, hold down the **⌘** key on your keyboard and press the **(.)** period key to cancel the print job.
 - If background printing is turned on, select **EPSON Monitor3** from the application menu and click **Stop Print Queue**. Or, click the  button, then click the stop button  to cancel the print job.

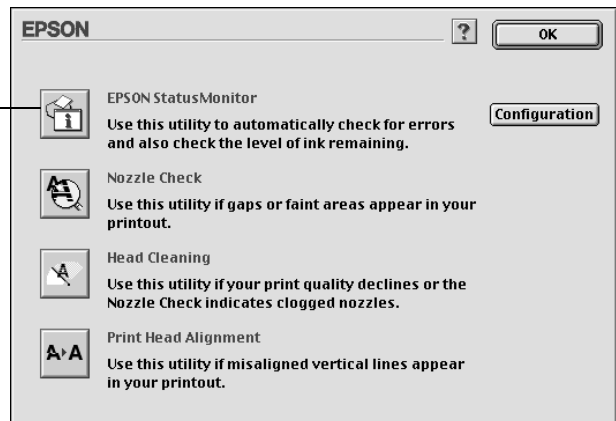
Checking Printer Status

The Status Monitor utility lets you check the levels of ink in your printer and configure error messages and other features of printer operation.

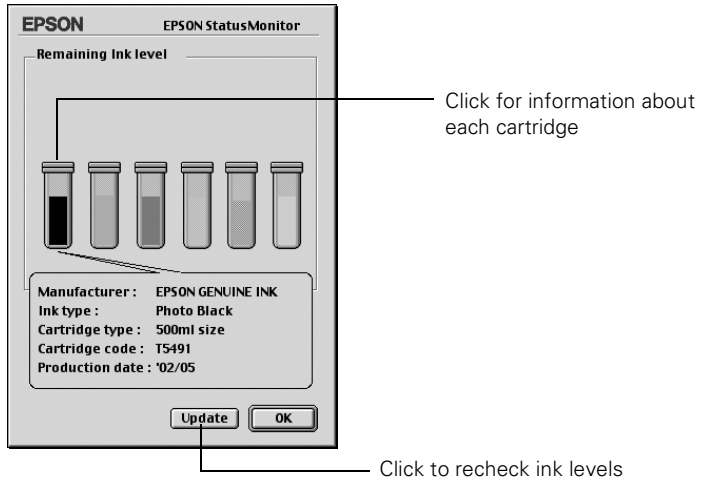
Follow these steps to check ink levels:

1. Click the utility button  on the print or page setup dialog box. You see the utility menu:

Click to open the Status Monitor utility




2. Click the EPSON StatusMonitor icon. The software checks the amount of ink remaining in the printer and displays the Status Monitor window:



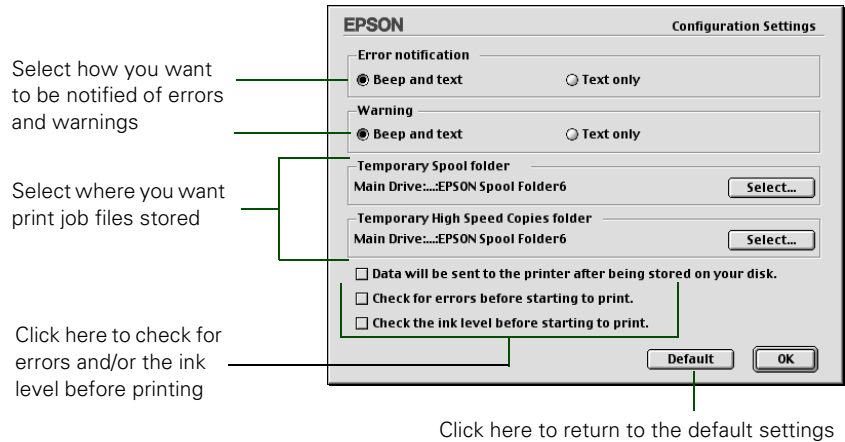
3. To view information about a cartridge, click the icon for that cartridge. To recheck the ink levels, click the **Update** button.
4. To close the Status Monitor, click **OK**.

Selecting Configuration Options

You can configure the way you want the printer to handle error and warning messages, ink level checks, and print file storage in the Configuration Settings dialog box. Follow these steps:

1. Click the utility button  on the print or page setup dialog box. You see the utility menu.
2. Click the Configuration button.

You see the Configuration Settings dialog box:



3. Select from the following configuration options:



Note
Warning messages allow printing to continue. Error messages are more serious and cause printing to stop.

- **Error notification** lets you choose whether you want your system to beep and display error message text or just display text if your printer encounters an error.
 - **Warning** lets you choose whether warning messages beep and display text or display text only.
 - **Temporary Spool folder** and **Temporary High Speed Copies folder** let you select the folders on your hard disk that store the temporary files created when you send a job to the printer. Click the **Select** button to change the folder from the default folder shown.
 - **Data will be sent to the printer after being stored on your disk** prevents print head pausing. Normally, graphics are sent in rectangular bands. When you select this option, your Macintosh stores the entire image on its hard drive and then sends it to the printer as a whole (recommended only for older Macintosh systems).
 - The last two checkboxes let you choose to have your software check for errors or low ink levels before starting your print job.
4. When you're finishing changing your configuration options, click **OK** to return to the utility menu.

Chapter 4: Printing with EPSON Drivers for Windows

Your Stylus Pro 10600 comes with drivers and utilities that let you print and manage print jobs without a RIP. ICC profiles are included, so you can use the advanced color management features of your applications or the driver itself.

This chapter includes the following information:

- Choosing basic print options
- Choosing paper and layout options
- Choosing advanced print options
- Managing print jobs
- Checking printer status
- Optimizing print speed

Choosing Basic Print Options

Before you print, you need to set basic printing properties. The EPSON driver offers automatic settings that optimize print quality and speed when you're using EPSON media. You can also choose advanced settings for more control over your printer and color management options, as described on page 4-7.

Follow these steps to make basic settings:

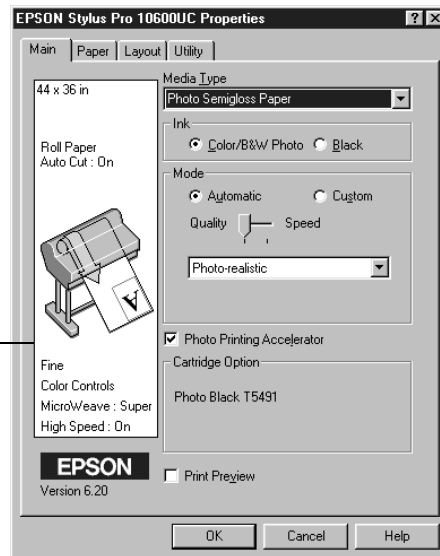
1. Start an application, open a file, and choose **Print** from the File menu. You see the Print dialog box.
2. Make sure your printer is selected, and then click the **Properties** button (or **Preferences** on Windows XP). If you see a **Setup, Printer, or Options** button, click it instead. Then click **Properties** or **Preferences** on the next dialog box.

A dialog box like the following appears:



If you need more information about print options, you can click the **Help** button on any dialog box.

This box shows you the current settings, but you can't change them from here.



3. Select a **Media Type** setting appropriate for the media you're printing on, as described on page 2-7.

4. For the ink type, select the correct setting for the type of image you're printing:
 - For color photographic images, select **Color** (if you have a Photographic Dye or Archival ink printer) or **Color/B&W Photo** (if you have an UltraChrome ink printer).
 - Select **Black** only if you're printing line drawings or other non-photographic images.

5. Set the **Mode** option as follows:
 - Click **Automatic** to have the printer driver analyze the contents of your image or file and make the appropriate printing adjustments. If a **Quality/Speed** slider appears in the Mode box, set it according to the priorities of your print job. (Depending on the Media Type setting, this slider may not appear.)
 - Or click **Custom**. Then choose one of the print job types from the custom settings list, as described in the next step, or click the **Advanced** button and see "Choosing Advanced Print Options" on page 4-7 for instructions.

6. Depending on your print mode (Automatic or Custom), you can select one of the following options from the pull-down menu:

Automatic print mode

Setting	Usage
Photo-realistic	For printing photographic images. Produces sharper images and automatically corrects under- or over-exposure of the original image.
Vivid	For printing non-photographic images. Intensifies colors and lightens the midtones and highlights.



You can also create your own settings and add them to this list. See page 4-9 for more information.

Custom print mode

Setting	Usage
Text/Graph	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.
ICM	Adjusts colors based on your printer's ICC profile, using the Image Color Matching system (effective in Windows 98/Me/2000/XP only). If you're using an ICM-compatible monitor, adjusts printed colors to closely match screen colors.
sRGB	Adjusts colors using the small-gamut sRGB (standard red green blue) color space. Best for color matching with other sRGB devices, or for images designed for the Web.

7. When you're finished choosing print options, click the **Paper** tab and follow the instructions on page 4-5 for choosing paper and layout options.

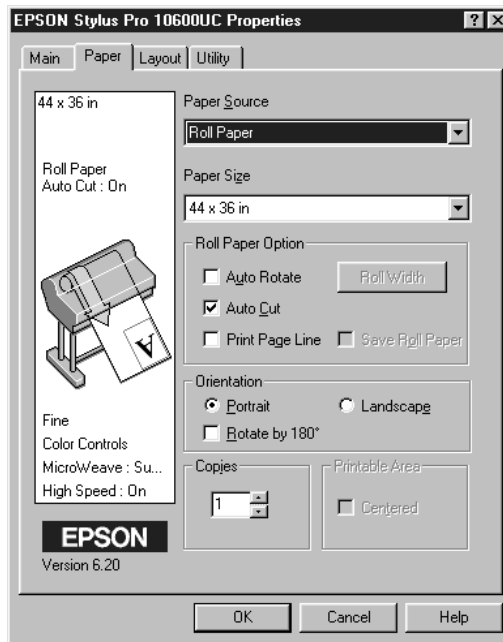


Many application settings override settings in the printer driver. Always verify settings to get the results you expect.

Choosing Paper and Layout Options

Many paper options correspond to paper handling features that you can also set through the control panel. Software options give you additional settings and override control panel settings. Follow these steps to choose paper and layout options:

1. On the Properties dialog box, click the **Paper** tab. You see this window:



2. Select the type of paper you loaded (Roll Paper or Sheet) from the **Paper Source** list.

If your image is more than 90.5 inches long, select **Roll Paper (Banner)**.

3. Select the **Paper Size** you want, based on the size of your image. If your size is not listed, select **User Defined**. Then enter the size in hundredths of an inch (or centimeters).



Creating a user-defined paper size lets you make the best use of your roll paper.



These settings override settings made through the control panel.



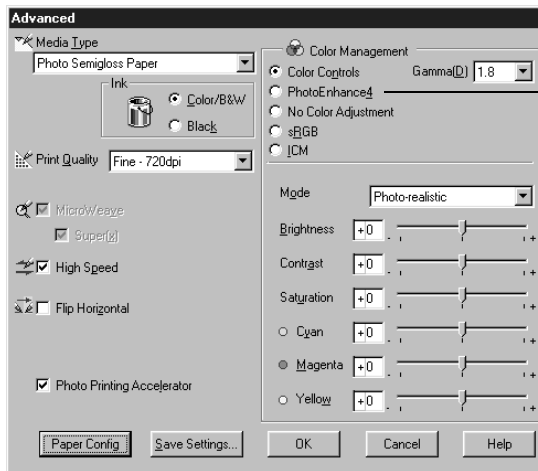
Select **Landscape** only if you want to rotate your image 90°.

4. When you're using roll paper, set the following options:
 - **Auto Rotate**
Saves paper if your document length is shorter than the printable width of the roll. The document is automatically rotated 90 degrees and printed crosswise. Be sure to click **Roll Width** and select the width of your roll paper.
 - **Auto Cut**
Choose this option if you want the paper to be cut automatically after each page is printed (not available for thicker media types).
 - **Print Page Line**
Prints trim lines on the right and bottom edges of your pages.
 - **Save Roll Paper**
Saves paper by not feeding the blank portion of the last page of your document. Available only if you've selected **Roll Paper (Banner)** as the Paper Source.
5. Make the settings you want for **Orientation**, **Copies**, and **Printable Area** (available when Paper Source is set to **Sheet**).
6. If you want to reduce or enlarge your image, click the **Layout** tab.
7. Choose the appropriate settings, then click **OK**.

Choosing Advanced Print Options

For complete control over your printing environment, use these Advanced settings to experiment or to fine-tune a range of options to meet your needs:

1. Follow steps 1 through 4 beginning on page 4-2.
2. Click **Custom** and then click **Advanced**. You see a dialog box similar to this:



When you choose PhotoEnhance4, you see a different set of options on the lower part of the screen



Some of these options may not appear, depending on your **Media Type** setting.

3. If necessary, you can change your **Media Type** and **Ink** settings.
4. Choose one of the following **Print Quality** settings:
 - **Normal - 360dpi**
For faster printing and everyday needs
 - **Fine - 720dpi**
For high quality photos and prints (deselect the **High Speed** checkbox to achieve photo lab quality)
 - **SuperFine - 1440dpi**
Better than photo lab quality



Leave Photo Printing Accelerator turned on. See page 1-33 for details.



If you turn off color management, you can still control the ink density. See "Paper Configuration Settings" on page 4-10.

5. Choose any of the following:

- **Super MicroWeave or MicroWeave**
Eliminate unwanted banding effects. These settings are automatically selected for most media types. If you notice banding with the standard **MicroWeave** setting, select **Super MicroWeave**.
- **High Speed**
For fast, bidirectional printing at lower quality. If vertical lines in your printout are misaligned when you use the **High Speed** setting, you may need to turn it off or align the print head.
- **Flip Horizontal**
For printing a mirror image of your file. Use with backlight film.

6. Choose one of the following Color Management settings:

- **Color Controls**
Lets you specify individual values for adjusting brightness, contrast, saturation, and CMY inks, or choose from the two Color Control modes, described in the table on page 4-9. You can also choose from three Gamma settings, which control image contrast by modifying the midtones and midlevel grays.
- **PhotoEnhance4**
Allows you to correct noise and other problems common to digital camera images. Also lets you see a sample image that reflects the photographic tone and special effect settings you choose. See page 4-10 for a description of the available settings.
- **No Color Adjustment**
Disables color management in the printer driver. Choose this mode if you want to use a standalone color management module.
- **sRGB**
Adjusts colors using the small-gamut sRGB (standard red green blue) color space. Best for color matching with other sRGB devices, or for images designed for the Web.
- **ICM**
Adjusts colors based on the printer's ICC profile, using the Image Color Matching system (Windows 98/Me/2000/XP only). If you have an ICM-compatible monitor, adjusts printed colors to closely match screen colors.

7. Click **Save Settings** if you want to have your advanced settings available for reuse. Then type a name for the group of settings and click **Save**. The name is added to your list of custom settings.
8. When you're finished setting advanced printer options, click **OK**.

Color Management Settings

Notice: Output Viewing Conditions

Due to the nature of all pigment inks, lighting conditions can affect the appearance of printer output. For example, a print viewed under daylight may appear to have a slightly different color balance when viewed under tungsten lighting. Care should be taken that the prints are produced for the lighting conditions in which they will be displayed.

The EPSON printer driver was designed to represent color accurately when prints are illuminated with a D50 (daylight) light source. For optimum results, understand your output display conditions before printing.

The following tables list the color management settings available when you choose either **Color Controls** or **PhotoEnhance4**.

PhotoEnhance4 is designed to enhance images captured using video cameras, digital cameras, or scanners. Depending on your system and the size of the image, printing with PhotoEnhance4 may take longer.

Color control modes and Gamma settings

Automatic	Provides output that closely matches the original image data.
Photo-realistic	Produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness. Corrects for overall under- or over-exposure of the original image.
Vivid	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.
1.5 Gamma	Produces the same contrast values as earlier EPSON ink jet printers.
1.8 Gamma	Increases contrast.
2.2 Gamma	Matches image colors with sRGB devices.

PhotoEnhance4 settings

Tone	Lets you choose from Normal for standard tone correction, Hard for high contrast, Vivid for more intense colors (as defined above), Sepia , Monochrome , and None (no tone adjustment).
Effect	Lets you choose from four special effects (and set the intensity using the Low/High slider): Sharpness , Soft Focus , Canvas , and Parchment .
Digital Camera Correction	Corrects noise and other flaws common to digital camera images.

Paper Configuration Settings

To access the paper configuration settings, click the **Paper Config** button in the Advanced dialog box (available with UltraChrome ink printers only).

The following settings are available. They override any paper configuration settings you may have made using the printer's control panel (page 2-28).

Paper Configuration settings

Color Density	Controls the ink saturation level (for example, when you turn off color management in your printer software).
Drying Time per Print Head Pass	You can make the print head wait up to 5 seconds after each pass to allow ink to dry on the page.
Paper Feed Adjustment	Eliminates light or dark horizontal bands when printing at high speeds.
Paper Thickness	Eliminates vertical banding and creates a sharper image when printing on unusually thick or thin paper (0 to 1.5 mm).
Paper Suction	Decreases the paper suction level when printing on thinner papers (less than 12 lb), such as CAD drafting paper or backlight film. Eliminates the vertical banding that can be caused when thinner papers become saturated with ink.
Cut Method	Decreases the cutting blade pressure for thinner papers, to provide a cleaner cut.

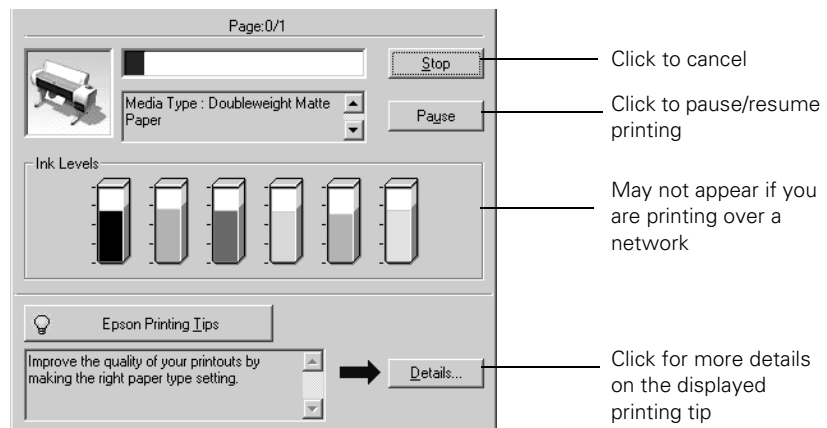
Managing Print Jobs

Your printer comes with several utilities that let you check on your print jobs and schedule, cancel, pause, or restart them. The Progress Meter opens each time you send a print job. The Spool Manager (not available with Windows NT) appears on the taskbar when you print.

Status Monitor 3, which also appears on the taskbar, also lets you check the printer's status and monitor print jobs. See page 4-12 for more information about Status Monitor 3.

Using the Progress Meter

After you send a print job, the Progress Meter window appears on your screen:



You can use the buttons to cancel, pause, or restart your print job. You also see how much ink you have left and view printing tips.

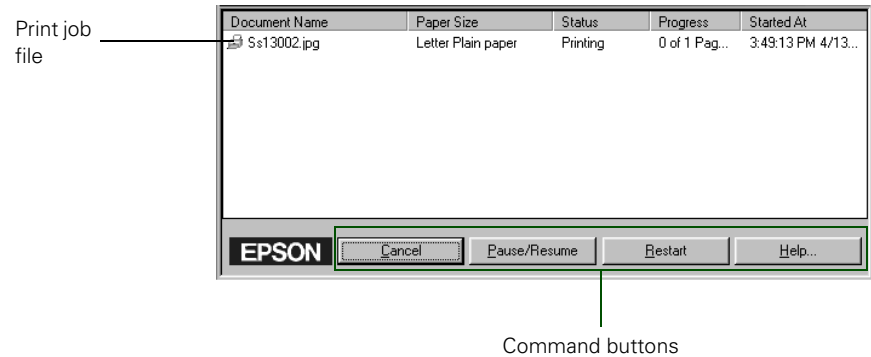
If you don't want the Progress Meter to appear, you can turn it off. See page 4-14 for instructions.

Using the Spool Manager

The Spool Manager (not available with Windows NT) displays the status of your print job files and lets you control them.

To open the Spool Manager while you're printing, click the **EPSON Stylus Pro 10600** icon that appears on the taskbar at the bottom of the screen.

You see the Spool Manager window:



To cancel, pause, resume, or restart a print job, click the job to highlight it; then click the corresponding command button on the bottom of the window.

Using Status Monitor 3

The Status Monitor 3 utility lets you check individual levels of ink in your printer and warns you when errors occur.

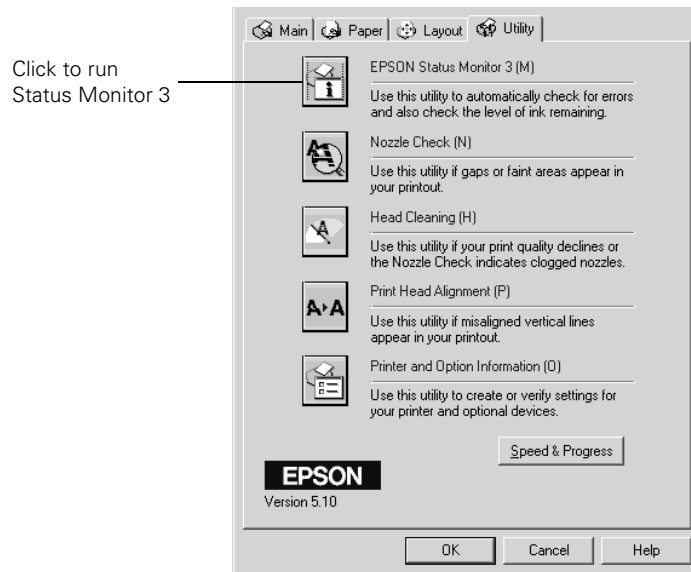
You can open Status Monitor 3 either from a running application or from the Windows Printers utility.

1. To open Status Monitor 3 from an application, access the Properties dialog box, as described on page 4-2.

Otherwise, do the following:

- **Windows XP:** Click Start and select Control Panel. Double-click Printers and Other Hardware, then double-click Printers and Faxes. Right-click your printer icon and select Printing Preferences.
- **All other versions of Windows:** Click Start, point to Settings, then select Printers. Right-click your printer icon and select Properties (Windows 95, 98, or Me), Document Defaults (Windows NT), or Printing Preferences (Windows 2000).

2. Click the Utility tab. You see the Utility menu:





If there's a printing problem, such as low ink or jammed paper, Status Monitor 3 displays a **How To** button that you can click for instructions on solving the problem.

3. Click the **EPSON Status Monitor 3** button. The following window appears. (It also opens automatically when an error occurs.)



Printer status messages appear here

Click for information about each cartridge

4. To view information about your printer's ink cartridges, click the **Information** button.

Setting Monitoring Preferences

You can choose when and how you want to be notified of problems, whether you want a Status Monitor 3 icon to appear on your Windows taskbar, and whether you want to allow monitoring by other users who share the printer. Follow these steps:

1. Do one of the following:
 - **Windows XP:** Click **Start** and select **Control Panel**. Double-click **Printers and Other Hardware**, then double-click **Printers and Faxes**. Right-click your printer icon and select **Printing Preferences**.
 - **All other versions of Windows:** Click **Start**, point to **Settings**, then select **Printers**. Right-click your printer icon and select **Properties** (Windows 95, 98, or Me), **Document Defaults** (Windows NT), or **Printing Preferences** (Windows 2000).



Note

If you want, you can click the **Show Progress Meter** checkbox to deselect it and disable display of the progress meter during printing.

- Click the **Utility** tab, then click the **Speed & Progress** button. You see the Speed & Progress dialog box. (See page 1-34 for more information about using the Speed & Progress utility.)

The **Speed & Progress** dialog box contains the following elements:

- High Speed Copies**: Annotated with "Appears only if you are connected to a parallel port".
- EPSON Printer Port**: Annotated with "Appears only if you have more than one hard drive".
- Show Progress Meter**: Annotated with "Not available with Windows NT".
- Monitoring Preferences** button: Annotated with "Not available with Windows NT".
- High Speed Copy Folder** section: Contains a file list with "temp" selected and a dropdown menu showing "c:".
- Buttons: **OK**, **Cancel**, and **Help**.

- Click the **Monitoring Preferences** button. You see the Monitoring Preferences dialog box:

The **Select Notification** dialog box includes:

Event	Screen Notification
<input checked="" type="checkbox"/> Error	On
<input checked="" type="checkbox"/> Communication Error	On
<input type="checkbox"/> Ink Low	Off
<input checked="" type="checkbox"/> Maintenance Call	On
<input type="checkbox"/> Other Warning	Off

Buttons: **Default**, **OK**, **Cancel**, **Help**.

The **Select Shortcut Icon** section shows a checked **Shortcut Icon** and an **Example** window. Below it, text reads: "Double-clicking the Shortcut Icon opens the Printer Status Window."

Allow monitoring of shared printers

- Select the Notification options you want to use.

5. If you want to have the Status Monitor 3 icon appear in your Windows taskbar, click the **Shortcut Icon** checkbox. Then select the icon you want to use.

After you enable the shortcut, you can simply double-click the icon to open the Status Monitor 3 window (shown on page 4-14) or right-click it, then select **Monitoring Preferences** in the pop-up menu.

6. Select **Allow monitoring of shared printers** if your printer is shared and you want to let other users monitor it.
7. Click **OK** to save your settings.

Chapter 5: Maintaining and Transporting the Printer

The EPSON Stylus Pro 10600 printer requires very little maintenance to keep working its best. This chapter describes the following routine procedures:

- Checking printer status and part life
- Running a cleaning cycle
- Aligning the print head
- Replacing ink cartridges
- Switching between black ink modes
- Replacing the paper cutter blade
- Cleaning the printer
- Transporting or storing the printer
- Replacing the waste ink system

Checking Printer Status and Part Life

Using the control panel, you can check the amount of ink remaining, the total number of prints, and the status of your cutter blade, maintenance tank, and other printer parts. You can either print out a status check, or you can view the printer's status on the control panel.

Printing a Status Check

The status check shows the current default settings, the amount of ink remaining in each cartridge, the page count, and the status of various printer parts.

Follow these steps to print a status check sheet:

1. Load a sheet of letter-size paper in the printer. (You can print the status check on roll paper, but you will use more paper.)
2. Press the **SelecType** button on the control panel until you see **TEST PRINT MENU** on the display.
3. Press the **Item** button until you see **STATUS CHECK=PRINT** on the display.
4. Press the **Enter** button. The status check prints.

The status of the ink cartridges, maintenance tank, cutter blade, and other parts is indicated using the **E*****F** symbols described below:

E***F** = full (or full life remaining)
E** F** = 3/4 full (or 3/4 life remaining)
E* F** = 1/2 full (or 1/2 life remaining)
E F** = 1/4 full (or 1/4 life remaining)
E* F = nearly empty (or service life near end)
E F = empty (or service life ended)

5. Press the **SelecType** button to exit the Test Print menu.

Checking Ink Levels and Component Life

To view printer status information on the control panel instead of printing it, follow these steps:

1. Press the **SelecType** button on the control panel. Press it several times until you see **PRINTER STATUS MENU** on the display.
2. Press the **Item** button. You see the printer firmware version the display.
3. Continue pressing the **Item** button to display the amount remaining for each of the 6 inks or service life remaining for a number of printer parts. The indicators read as follows:

E*****F = full (or full life remaining)

E***** F = 3/4 full (or 3/4 life remaining)

E*** F = 1/2 full (or 1/2 life remaining)

E** F = 1/4 full (or 1/4 life remaining)

E* F = nearly empty (or service life near end)

% F = less than 10% of ink (or service life) remaining

Following is a list of most of the items displayed. Note that all parts on the list (except the ink cartridges and paper cutter) need to be replaced by authorized EPSON service centers.

INK LEFT-K (black)	JOB HISTORY
INK LEFT-C (cyan)	CLEAR JOB H (clear job history)
INK LEFT-M (magenta)	TOTAL PRINTS
INK LEFT-LC (light cyan)	WASTE INK (waste ink system)
INK LEFT-LM (light magenta)	CUTTER LIFE (paper cutter)
INK LEFT-Y (yellow)	CR MOTOR (carriage motor)
INK USED	PF MOTOR (paper feed motor)
PAPER USED	HEAD UNIT (print head)
INK COUNT CLEAR	CLEANER (cleaning unit)
PAPER C CLEAR (paper count clear)	

4. Press the **SelecType** button to exit the Printer Status menu.

Running a Cleaning Cycle

If your printed image is unexpectedly light or faint or dots are missing from the image, you may need to run a cleaning cycle. This unclogs the print head nozzles so they can deliver ink properly.

The cleaning cycle uses ink, so you should run it only if print quality declines. To determine whether a cleaning cycle is necessary, print a nozzle check first. You should also print a nozzle check after cleaning the print head to see if the cleaning cycle was successful.

There are two ways to run a nozzle check and cleaning cycle:

- Using the printer's control panel buttons, as described below
- Using the utilities in your printer software, as described on page 1-36 (not available if you're accessing the printer over a network)

If the cleaning cycle described in this section doesn't work, you can try the SSCL cleaning cycle (described on page 5-6). Perform the SSCL cleaning cycle only as a last resort, since it takes more time and consumes more ink than the standard cleaning.

Printing a Nozzle Check Pattern

Follow these steps to print a nozzle check using the control panel buttons:

1. Make sure the printer is turned on but not printing, and letter-size paper is loaded. (You can use roll paper or larger-size sheets, but it will use more paper.)
2. Press the **SelecType** button on the control panel until you see **TEST PRINT MENU** on the display.
3. Press the **Item** button. You see **NOZZLE CHECK=PRINT** on the display.



You can use plain paper or coated ink jet paper to print this pattern.

4. Press the **Enter** button. The nozzle check prints as shown below.

If all the lines in the check pattern are complete, with no gaps or misplaced dots, the print head doesn't need cleaning. (You may need to use an eye loupe to check the pattern.)



If any dots are out of place or missing from the pattern, as shown below, clean the print head as described in the next section.



Cleaning the Print Head from the Control Panel

Follow these steps to run the cleaning cycle from the printer's control panel:

1. Print a nozzle check to make sure the print head needs cleaning.
2. Make sure that all of the Δ Ink Out lights on the printer's control panel are off.

If an Δ Ink Out light is flashing or on, you need to replace the corresponding ink cartridge instead. See page 5-10 for instructions.

3. Press the **Cleaning** button and hold it for at least 3 seconds. The **Pause** light flashes as the printer cleans its print head. The cleaning cycle takes about 60 seconds and does not use any paper.
4. When the **Pause** light goes off, print the nozzle check again to confirm that the head is clean.

You may need to run the cleaning cycle several times until the nozzle check pattern is correct. For effective cleaning, always print a nozzle check pattern between cycles.



Don't run a cleaning cycle while thick media is loaded in the printer.

If the lines on the pattern still appear broken after several cleaning cycles, or if any dots are out of place, turn the printer off and leave it overnight, then clean the print head again the following morning. If you still see no improvement, try an SSCL cleaning cycle as described below.

Performing an SSCL Cleaning Cycle

The SSCL cleaning cycle performs a more intensive cleaning than the standard cleaning cycle. In most cases, you won't have to use it. Before performing an SSCL cleaning, make sure you have already run the standard cleaning as described on page 5-5 to determine that the SSCL cleaning is really needed.

1. Before starting, make sure that all of the Δ Ink Out lights on the printer's control panel are off.

If an Δ Ink Out light is flashing or on, you need to replace the corresponding ink cartridge (see page 5-10 for instructions).

2. Turn off the printer.
3. Hold down the **Pause** button while pressing the \odot **Power** button to turn on the printer.
4. Examine the last nozzle check pattern you printed to determine which color ink nozzles require cleaning. Then press the **Item** button until you see the SSCL option for the color ink nozzles you need to clean:

SSCL B/C=EXEC for cleaning the black and cyan nozzles

SSCL LM/LC=EXEC for cleaning the light magenta and light cyan nozzles

SSCL M/Y=EXEC for cleaning the magenta and yellow nozzles

5. Press **Enter**. Cleaning takes about 15 minutes to complete.
6. When the cleaning is complete, press the \odot **Power** button to turn the printer off. Then turn the power back on and perform a nozzle check (page 5-4) to verify that the nozzles are clean. You may have to repeat the SSCL cleaning cycle to fully solve the problem.

If after repeated cleanings the same color nozzles continue to be clogged, you may need to replace the print head. Contact EPSON for assistance (see page 3 in the Introduction).

Aligning the Print Head

If banding appears on your prints, or vertical lines are not straight, you need to align the print head. Although you can align the print head using the printer software, it's best to use the control panel. This aligns the print head for all modes and resolutions.

If you haven't already done so, run a nozzle check before aligning the print head (page 5-4). This ensures that the print head alignment patterns print correctly.

Aligning the Print Head from the Control Panel

Follow the steps below to align the print head. Be sure to perform a Uni-D (uni-directional) alignment first, as instructed, before performing the Bi-D alignment. You may have to perform each alignment more than once for best results.



Be sure to use coated ink jet paper. For the most precise results, use the paper you'll be printing on to perform the alignment—especially if it's non-EPSON paper or of unusual thickness.

1. Turn on the printer.
2. Load 44-inch wide roll paper in the printer (you can use the roll of Doubleweight Matte Paper that came with the printer).
3. Press the **SelecType** button until **HEAD ALIGNMENT MENU** is displayed.
4. Press the **Item** button. **PAPER THICK=STD** appears on the display.

If you're using EPSON paper, leave this setting on **STD**.

If you're using other media, enter the thickness value of the paper (up to 1.6 mm) in 0.1-mm increments by pressing the **+** or **-** button.

5. Press the **Enter** button. You see **ALIGNMENT = Bi-D LC** on the display.
6. Press the **+** button so that **ALIGNMENT = Uni-D** appears.
7. Press the **Enter** button to print the alignment pattern.

5-8 | Maintaining and Transporting the Printer



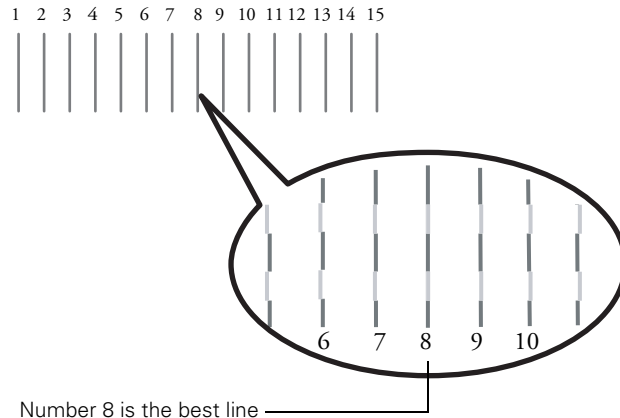
You must use at least a 10× eye loupe to check the pattern.



Ideally, number 8 (± 1) should be the best line in all of the printed patterns. If it is, you can press **Pause** to exit the adjustment early.

8. Examine the first row (marked #1 C). You see a series of patterns similar to the one below across the width of the paper. Use your own eye loupe or the one that came with the printer to determine which line is the best.

(Each line is composed of two overlapping colors. Look for the line in which the colors overlap the most evenly. In the example below, number 8 is the best line.)



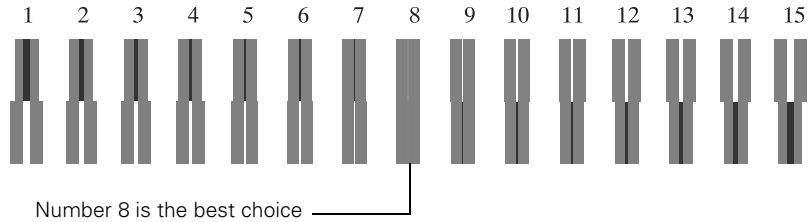
Number 8 is the best line

9. Look at the other patterns in the first row to see if the same number is consistently the best line. If not, determine which number is generally the best.
10. Check the control panel display. It shows #1 C=8, which means that number 8 is the current setting for row #1 C. If you need to change the setting, use the + or - button to select the best line for that row. Then press the **Enter** button to register the setting.
11. Repeat step 8 through step 10 for each additional row.
12. When done, press the **Pause** button to exit the head alignment.
13. If you had to make changes to any of the settings, you should reprint the alignment pattern to verify that number 8 shows the best line in all rows. You may have to repeat the adjustment more than once to ensure that number 8 is the best choice in each case.



If you're performing a **Bi-D ALL** adjustment, it's important to perform the **Uni-D** adjustment first.

- When done performing the adjustment in Uni-D (uni-directional) mode, as described above, you should repeat it in Bi-D mode (select **ALIGNMENT = Bi-D ALL**). The process is exactly the same, but the printed pattern is different:



To select the best pattern, use an eye loupe to determine which block has the smallest gaps. In the example shown above, number 8 has the smallest gaps.

Replacing Ink Cartridges

Before you begin a large print job, you should check your ink levels as described below. If one of your cartridges is low, you can replace it before you start. Or you can wait until the ink runs out, replace the cartridge, and resume printing without any loss of print quality.

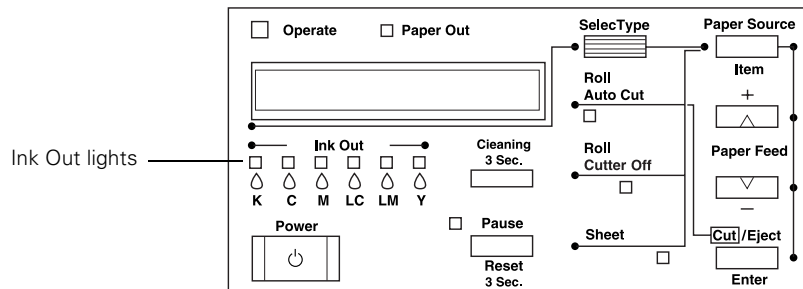
Partially used cartridges can be saved for up to six months and reused for running smaller print jobs. It's a good idea to store them in individual, resealable plastic bags in case of ink leakage.

Checking Ink Levels

When one of the Ink Out lights is flashing (and INK LOW is displayed on the control panel), the corresponding cartridge is almost out of ink. Make sure you have a replacement cartridge.



You can also check ink levels before any INK OUT lights have started flashing. See page 5-2.



When the light stays on and INK OUT is displayed, the cartridge is empty. You must replace it before you can continue printing.

Ordering and Replacing Cartridges

When you installed the printer's first ink cartridges, you initialized the printer to use either Photographic Dye, Archival ink, or UltraChrome ink. Be sure you replace the cartridges with the same type, or you will see an error message and your printer won't work until you insert the correct cartridges.

Use the following EPSON ink cartridges before the expiration date on the package:



You must use the EPSON ink cartridges designed for your printer. Other ink cartridges will not work and may cause damage not covered by your warranty.

Photographic Dye ink

- | | | | |
|-----------|---------|-----------------|---------|
| • Black | T499201 | • Light cyan | T504201 |
| • Cyan | T502201 | • Light magenta | T503201 |
| • Magenta | T501201 | • Yellow | T500201 |

Archival ink

- | | | | |
|-----------|---------|-----------------|---------|
| • Black | T511201 | • Light cyan | T516201 |
| • Cyan | T514201 | • Light magenta | T515201 |
| • Magenta | T513201 | • Yellow | T512201 |

UltraChrome ink

- | | | | |
|----------------|---------|-----------------|---------|
| • Photo Black* | T549100 | • Light cyan | T549500 |
| • Matte Black* | T549800 | • Light magenta | T549600 |
| • Cyan | T549200 | • Yellow | T549400 |
| • Magenta | T549300 | | |

* Your UltraChrome printer uses one black ink cartridge (Matte Black or Photo Black). Unless you are switching between black ink types (see page 5-15), be sure to replace it with the same type as you are currently using. If you install an incorrect cartridge, the printer displays WRONG CARTRIDGE and does not work.



Do not leave the printer without a cartridge in place for an extended time.

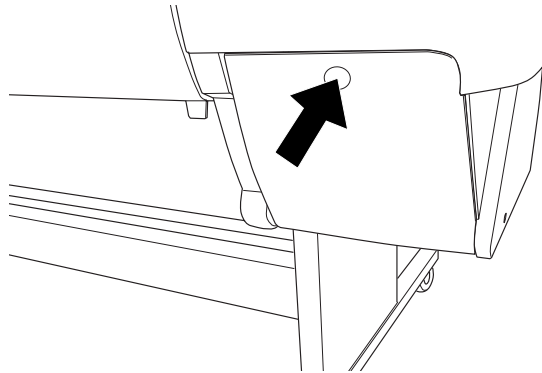
You can check which cartridges are currently installed by looking at the product code printed on each cartridge. (If necessary, remove the cartridge to check the code.) You can also check cartridge information using the EPSON Status Monitor (see page 3-15 for Macintosh or page 4-14 for Windows).

To order EPSON ink cartridges, contact your dealer or call EPSON at (800) 873-7766. You can also visit the EPSON Store at www.epsonstore.com (U.S. only). In Canada, please call (800) 463-7766 for dealer referral.

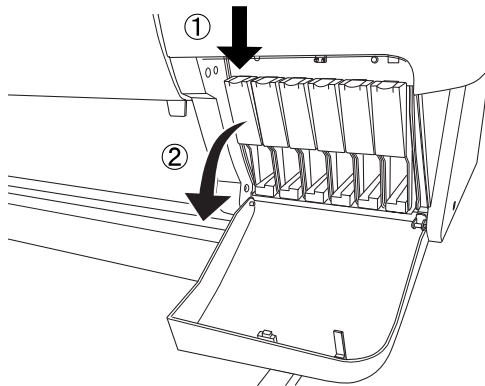
5-12 | Maintaining and Transporting the Printer

Before you start, make sure the printer is on. Then follow these steps to replace an ink cartridge:

1. Note the color of the Ink Out light that is on or flashing. This is the cartridge that you need to replace.
2. Push the indentation on the ink compartment cover to release the lock and open the cover. **INK COMPART. OPEN** appears on the display.



3. Locate the slot containing the empty ink cartridge (corresponding to the **INK OUT** light). Press down on the top of the clamp and pull it forward.





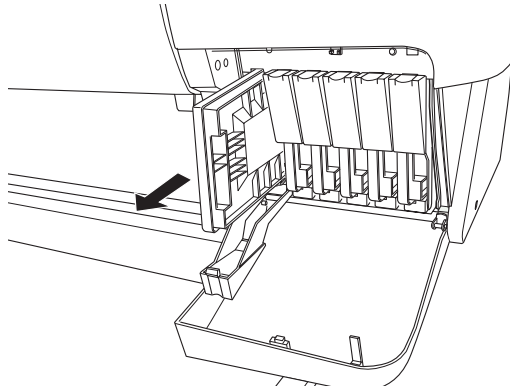
If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water.



Don't shake cartridges that have been installed previously. Doing so may cause ink to leak.

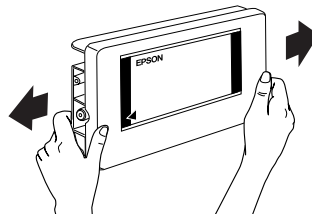
Be careful not to touch the green computer chip on the cartridge. This may affect normal operation and printing.

4. Carefully pull the empty cartridge straight out of the printer.



5. Make sure the replacement cartridge is the correct color, and remove it from its package.

If you're using Archival ink or UltraChrome ink, shake the cartridge gently before installing it.

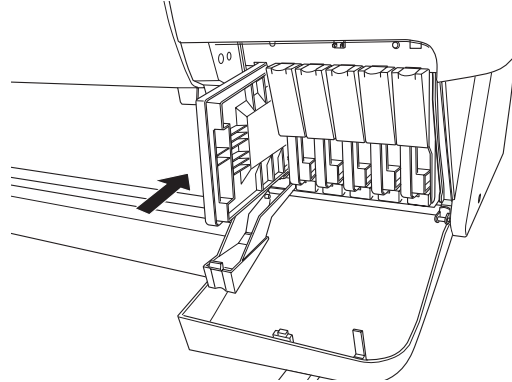


5-14 | Maintaining and Transporting the Printer

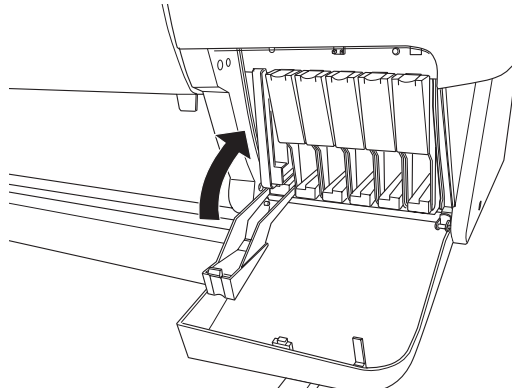


If you can't insert the cartridge smoothly, you may have the wrong cartridge. Check the package and product code.

6. Hold the ink cartridge with the arrow mark on the left side and pointing toward the printer. Then insert the ink cartridge into the slot. Don't force the cartridge.



7. Push the cartridge clamp back up. Make sure the corresponding Ink Out light goes off. Then close the ink compartment cover.



Switching Between Black Ink Modes

If your printer uses EPSON UltraChrome ink, you can switch between black ink modes to optimize your black ink density. When you installed the printer's first cartridges, the printer was initialized to use either Photo Black ink or Matte Black ink (according to your choice). If your printing needs have changed, you can switch between black modes:

Black ink modes

Mode	Image and paper type
Photo Black Mode	For printing photographic images on all media types. Optimized for traditional photographic and ink jet-coated papers, such as EPSON Premium Luster Photo Paper, Photo Semigloss Paper, Premium Semimatte Photo Paper, etc.
Matte Black Mode	Optimized for printing photographic images on matte or plain papers, such as EPSON Enhanced Matte Paper, Smooth and Textured Fine Art Paper, and Somerset Velvet for EPSON, when the highest level of photographic quality is desired.

Preparing the Required Supplies



You can purchase replacement items for your printer from EPSON at (800) 873-7766, or by visiting the EPSON Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

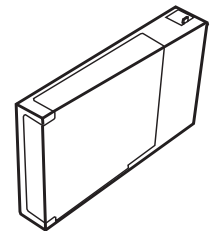
Before switching black ink modes, make sure you have all the required supplies. You will need:

- the draining cartridge that came with your printer
- the replacement black ink cartridge you plan to install

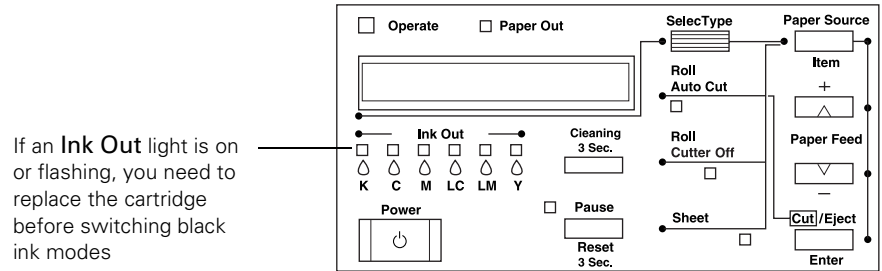
You may also need one or more replacement color ink cartridges.

To switch black ink modes, you need the draining cartridge that came with your printer. This is an empty, reusable cartridge that looks similar to a regular ink cartridge.

After deciding on the black ink mode you want to switch to, make sure you have the black ink cartridge you'll be installing (Matte Black or Photo Black). It doesn't have to be a brand-new cartridge, but it shouldn't be so low on ink that it prevents the procedure from being carried out.



Since this process consumes some ink from the color cartridges as well as the black one, you need to make sure there is enough ink in all the cartridges before you begin. Check the **Ink Out** lights on the control panel:



If there is not enough ink in one or more cartridges, you'll be prompted during the procedure to replace them. If any cartridges are low on ink but not low enough to prevent the procedure from being carried out, you should still make sure you have replacements available, or you will be limited in how much you can print after switching black ink modes. See page 5-11 for ink cartridge part numbers.

If the printer's waste ink tank is full, you'll need to have it replaced as well. Use the printer's control panel to check the tank:

1. Press the **SelecType** button until **MAINTENANCE MENU** is displayed on the control panel.
2. Press the **Item** button until you see **BK INK CHANGE=EXEC**, then press **Enter**.
3. If **WASTE INK TANK FULL** is displayed, contact your dealer or EPSON to have the tank replaced. See "Where To Get Help" on page 3.
4. Press the **SelecType** button to exit the menu.



Do not turn off the printer once the cartridge is removed.

If a power failure occurs, turn the printer back on. You can resume the procedure at the point where it was interrupted.

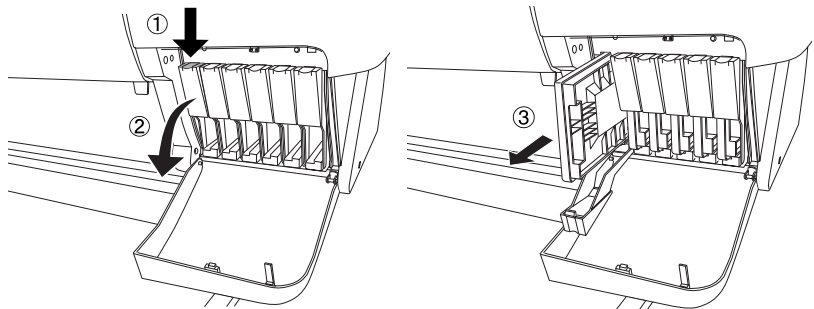
Replacing the Black Ink Cartridge

Make sure you have all the needed supplies as described above. Once you remove the ink cartridges from the printer, you must not turn off the printer until you have finished switching black ink modes. Follow these steps to carry out the process:

1. Make sure the printer is on and **READY** is displayed on the control panel.
2. Press the **SelecType** button until **MAINTENANCE MENU** is displayed on the control panel.
3. Press the **Item** button until you see **BK INK CHANGE=EXEC**, then press **Enter**.

The control panel displays **OPEN INK COVER**.

4. Open the ink compartment cover and remove the black ink cartridge. (Press down on the top of the cartridge clamp to release it, then pull out the cartridge.)



5. Insert the draining cartridge into the black ink slot. Close the ink cartridge clamp, then close the cover.

The printer begins draining the ink, and you see a message on the control panel to indicate the progress.

6. Once draining is complete, you see the message **OPEN INK COVER**. Open the ink compartment cover and remove the draining cartridge.



Be careful not to reinstall the old black ink cartridge.

7. When you see the message **INSERT BK INK** on the control panel, insert the new (replacement) black ink cartridge. Then close the ink compartment cover.

You see a message on the control panel indicating the progress of the black ink charging. When done, **K: EPSON GENUINE INK** is displayed.

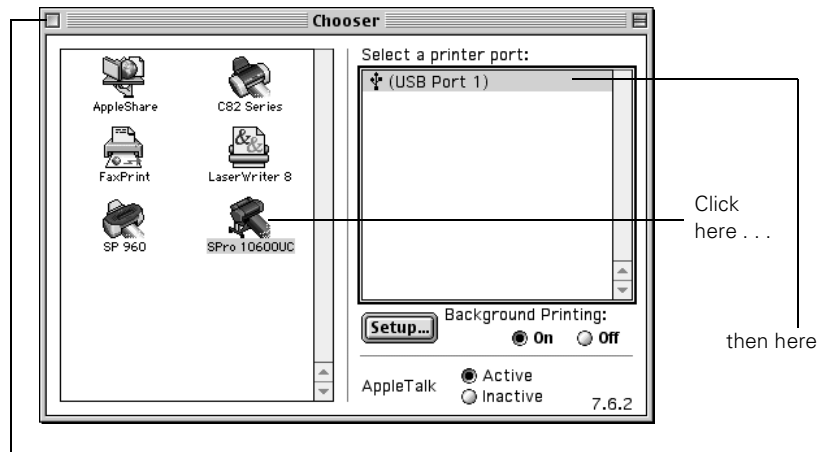
Continue on to the next section to update your printer driver software.

Updating the Driver

Once you have switched black ink modes, you need to update the driver (printer software) so that it knows which black ink mode you're using. Follow these steps:

Macintosh Users

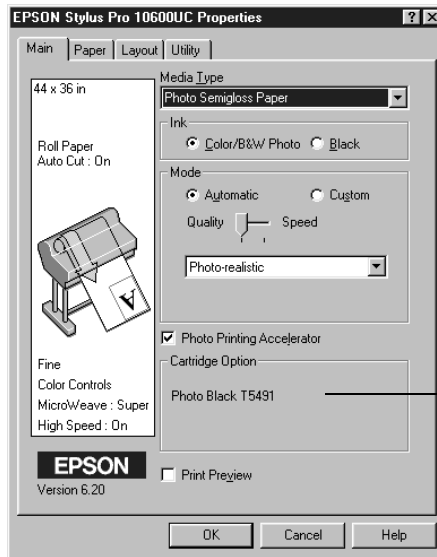
1. Open the Chooser from the **Apple** menu.
2. Click the printer icon and port, as shown.



3. Close the Chooser. This completes the black ink replacement.

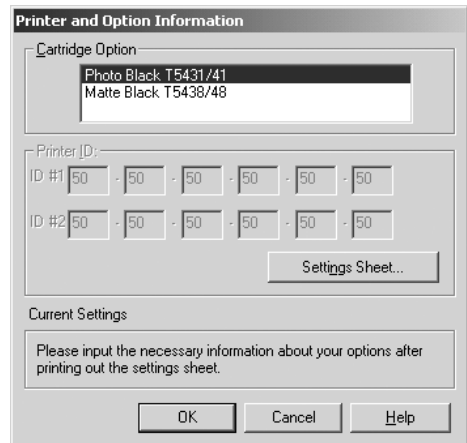
Windows Users

1. Click the **Main** tab in your printer software and make sure the correct ink cartridge information is displayed, as shown below.



Check black ink cartridge information here

2. If necessary, set the information manually. Click the **Utility** tab, then click the **Printer and Option Information** button. Select one of the ink cartridge options shown below.



3. Click **OK** to exit the printer software. This completes the black ink replacement.

Replacing the Paper Cutter Blade

If you notice that your paper isn't cut cleanly, the cutter blade may need to be replaced. If you use the blade to cut heavy stock or non-EPSON media, you may need to replace it more often. You can also check the status of your cutter by printing the status check sheet or using the Printer Status menu on the control panel. See page 5-2 for instructions.

You can obtain a new cutter blade (part number C12C815271) from EPSON at (800) 873-7766, or by visiting the EPSON Pro Graphics web site at <http://prographics.epson.com>. In Canada, please call (800) 463-7766 for dealer referral.

To replace the cutter blade, you first need to remove the used blade, as described in the following section.

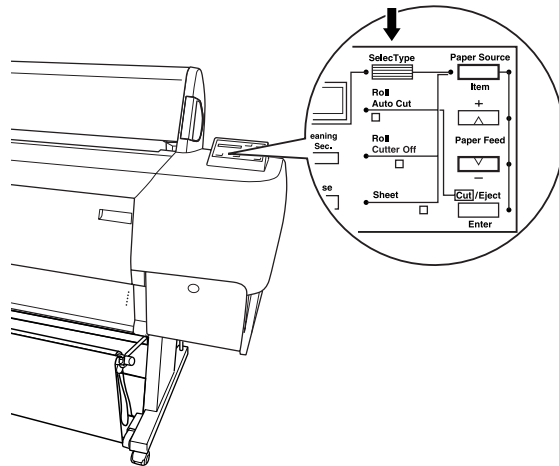


Be careful not to cut yourself while replacing the paper cutter blade.

Removing the Used Cutter Blade

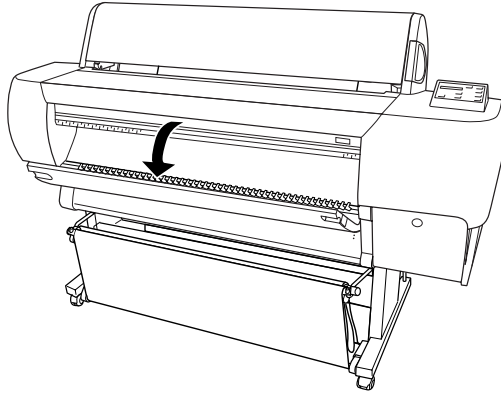
Make sure the printer is on, then follow these steps to remove the blade:

1. Press the **SelecType** button repeatedly until **MAINTENANCE MENU** appears on the display.

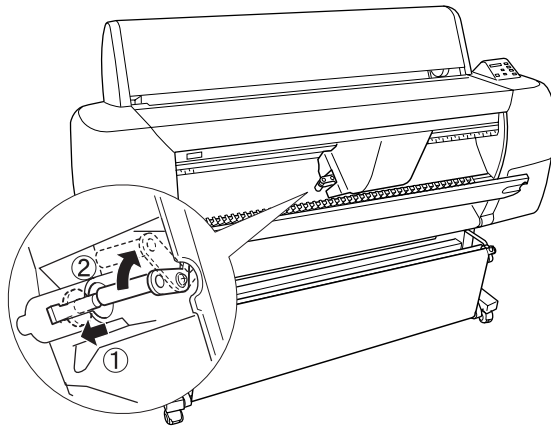


2. Press the **Item** button until **CUT. REPLACE=EXEC.** appears on the display.

3. Press the **Enter** button. The print head moves to the cutter replacement position.
4. When **OPEN LOWER COVER** appears on the display, open the lower cover.



5. To release the cutter blade, push down on its white side pin, then turn the black latch upward to the right.

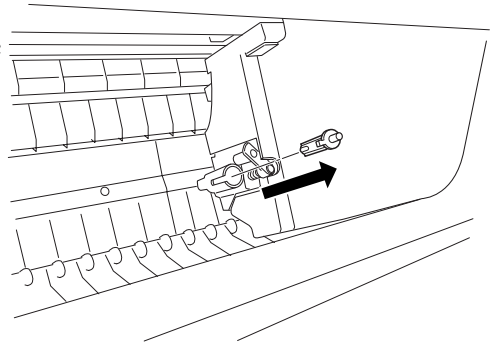


5-22 | Maintaining and Transporting the Printer

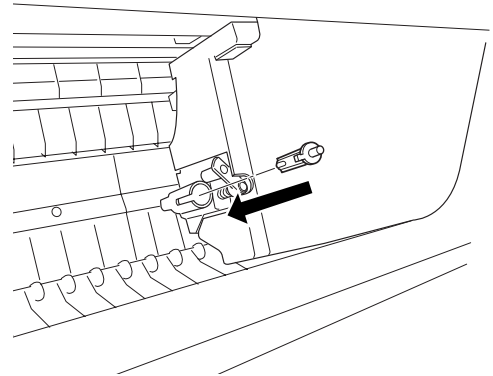


Be careful not to let the cutter or the spring coil pop out of the casing.

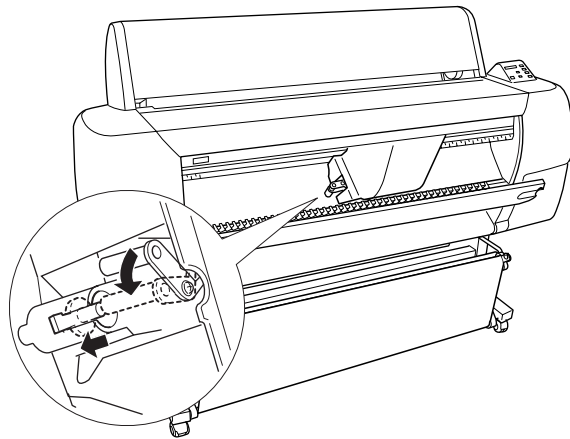
6. Slowly take your finger off the side pin, then remove the cutter blade. Be careful not to lose the spring.



7. Insert the new cutter.



8. Push down on the cutter's side pin while turning the latch to the left.



9. Close the lower cover. The print head returns to the home position.



Be careful not to touch the gears inside the printer.

To avoid damaging the components as well as the case, never use alcohol or thinners to clean the printer.

Be careful not to get water on the printer mechanism or electronic components.

Don't use a hard or abrasive brush.

Don't spray the inside of the printer with lubricants; unsuitable oils can damage the mechanism. Contact your dealer or a qualified servicer if your printer needs lubrication.

Cleaning the Printer

To keep your printer working its best, you should clean it thoroughly several times a year.

1. Make sure the printer is turned off and all the lights on the control panel are off. Then unplug the power cord and disconnect the printer from the computer.
2. Open the roll paper cover and remove the roll paper. Remove any sheet media from the printer. Then use a soft brush to carefully clean away any dust or dirt.
3. Close the roll paper cover.
4. Open the lower cover and use a soft brush to carefully clean away any dust or dirt inside the lower cover. Then close the cover.
5. Remove the paper basket. Then clean away any dust or dirt around the leg assembly using a soft brush.
6. If the outer case is dirty, clean it with a soft, clean cloth dampened with mild detergent. Keep the ink cartridge compartment closed to prevent water from getting inside.
7. If the area under the roll paper cover accidentally gets soiled with ink, wipe it off with a damp cloth.
8. To wash the paper basket, remove the shafts, then machine wash with mild detergent and air dry.

Transporting or Storing the Printer

If you are moving the printer a short distance (for example, in the same building), you can roll it on its stand. Follow the instructions on page 5-26. To ship the printer, you should repack it using the original box and packing materials. Follow the instructions below to prepare the printer for shipment.

If you need to store your printer for an extended period (two years for the Photographic Dye ink model, or six months for the Archival Ink or UltraChrome ink model), contact EPSON for assistance (see page 3 for contact information). A service technician must drain all ink from the printer before storage.

Preparing the Printer for Shipment

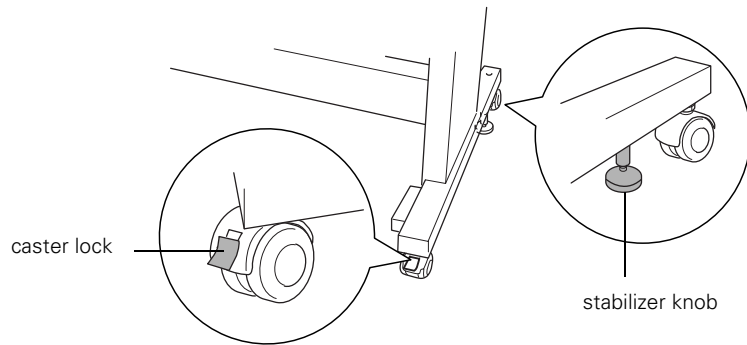
Follow the steps below to prepare the printer for shipment:

1. Contact EPSON as described on page 3. A service technician must drain all the ink from the printer before it can be shipped.
2. Once the ink is drained, turn off the printer and wait until the print head moves to the home position (on the far right) and the **Operate** light goes off. Then unplug the printer.
3. Reinstall the carriage locking screw that was removed during setup. See page 1-7.
4. Remove the following parts:
 - Power cord and interface cables
 - Paper basket
 - Roll paper spindles
 - All paper or other media
 - Optional auto take-up reel (if installed)
 - Optional manual cutter (if installed)



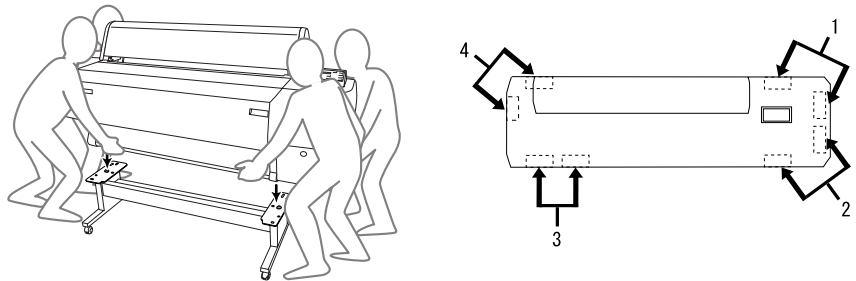
It's a good idea to store partially used cartridges in separate, resealable plastic bags.

- If you're removing the printer from its stand, first make sure the casters on the leg assembly are locked and the two stabilizer knobs are touching the floor.



The printer is very heavy. Always have four people lift it, using the hand grip areas as shown.

- Remove the two wing nuts securing the printer to the stand (underneath the printer). Keep them in a safe place.
- With four people, lift the printer using the hand grips located at the four corners of the printer. (See the stickers located near the rear hand grips for the correct holding position.)



- Keep the printer level while moving it.

Setting Up the Printer After Transportation

Setting up the printer after transporting it is almost identical to setting it up for the first time. Whenever you set up the printer, see chapter 1.

- Don't forget to remove the carriage locking bracket (if reinstalled).
- The first time you start printing after moving the printer, the print head nozzles may be clogged. You may need to run a cleaning cycle (see page 5-4) and realign the print head (see page 5-7) to ensure good print quality.

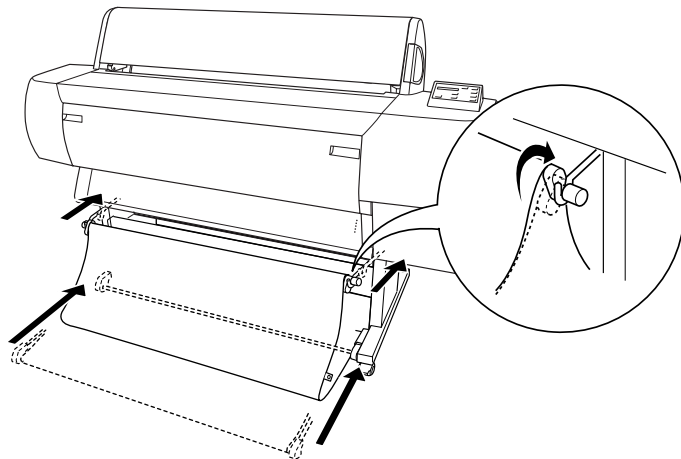
Moving the Printer on the Stand

When you need to move the printer a short distance, such as within the same building or facility, you can roll the printer on its casters. Follow these steps:

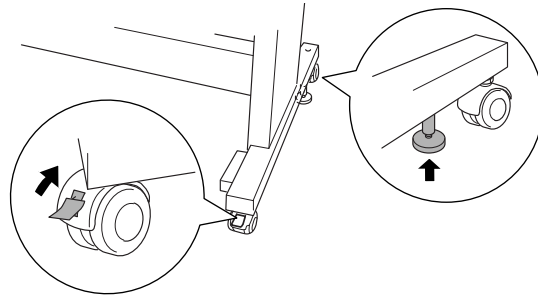
1. Make sure the printer is turned off and the carriage is in the home position (on the far right). If not, turn the printer back on, wait until the carriage moves to the home position, then turn off the printer.
2. Disconnect the power cord and interface cables.
3. Make sure the printer covers are closed.
4. Fully insert the metal rods supporting the paper basket, then roll up the basket so it doesn't drag on the ground.



Do not roll the printer on angled or uneven surfaces.



5. Release the front casters and retract the stabilizer knobs.



6. Carefully roll the printer to its new location. Relock the casters and extend the stabilizer knobs after moving.

Replacing the Waste Ink System

Approximately every two years of normal usage (25% duty cycle) or after 20,000 B0-size prints, you should have your authorized EPSON servicer replace the waste ink system. This is necessary to prevent damage to the print head and maintain print quality. Parts and labor for this service are not covered under the terms of the limited warranty.

You can monitor the status of the waste ink system through the control panel (see page 5-3) or through the Ink Pad percentage displayed on the nozzle check print (see page 5-2); a low percentage means that the pad is nearing the end of its service life.

The printer displays the following message on the control panel when the waste ink system is almost full:

MAINTENANCE REQ. 0100

You should call to schedule service at this point. When the waste ink system is at full capacity, the printer stops and displays the following message:

SERVICE REQ. 00000100

Chapter 6: Resolving Problems

As you use your printer, you may occasionally experience a problem. The first thing you should do is diagnose the problem following the guidelines in this chapter. Then try the most likely solutions until the problem is fixed.

This chapter provides instructions for the following:

- Diagnosing problems
- Improving print quality
- Solving operational problems
- Solving miscellaneous printing problems
- Solving paper problems, including clearing paper jams
- Uninstalling and reinstalling printer software

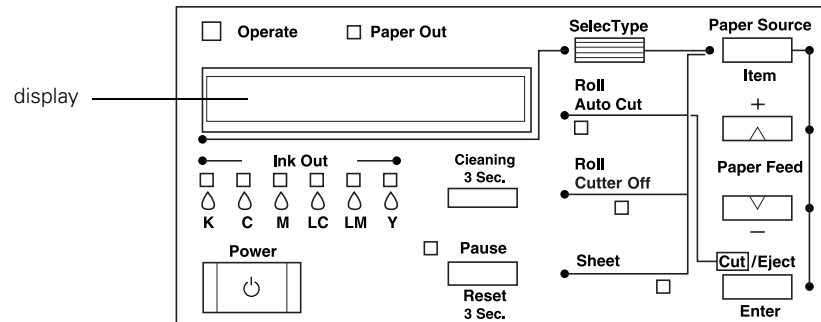
Diagnosing Problems

The EPSON Stylus Pro 10600 printer includes a number of ways to help you diagnose problems:

- To identify the most common problems, check the messages and lights on the printer's control panel. See page 6-2 for more information.
- If you're using the EPSON printer driver and Monitor3 (Macintosh) or Status Monitor (Windows) utility, check your software for error messages. See Chapter 3 or 4 for more information.
- To determine whether the problem is caused by the printer itself, disconnect the printer from your computer and run a nozzle check from the control panel. See page 5-4 for instructions.
- If you are using a third-party RIP and are experiencing difficulties, try printing your image directly from the EPSON printer driver.
- If none of the suggested solutions in this chapter solve your problem, contact EPSON as described under "Where To Get Help" on page 3.

Using the Control Panel to Check the Printer

The control panel includes various lights and a display to indicate the status of the printer:



When your ink or paper runs out or a problem occurs, a message appears on the display. The lights on the control panel come on or flash. The following table lists the messages alphabetically and includes an explanation and instructions for correcting the problem.

Error messages

Message	Light	Explanation	Response
INK LOW	Ink Out light(s) flashing	Ink cartridge(s) are nearly empty (printing continues).	Replace ink cartridge(s) indicated by Ink Out light(s). See page 5-10 for instructions.
INK OUT	Ink Out light(s) on	Ink cartridge(s) are empty (printing stops).	Replace the ink cartridge(s) indicated by Ink Out light(s). See page 5-10 for instructions.
NO INK CARTRIDGE	Ink Out light(s) on	Ink cartridge(s) not installed.	Install ink cartridges as indicated by the lights. Make sure you install the correct Photographic Dye, Archival ink, or UltraChrome ink cartridges. See page 5-10 for instructions.
WRONG CARTRIDGE	Ink Out light(s) on	You tried to install the wrong ink cartridge.	If you are installing ink cartridges for the first time, you must install the cartridges that came with your printer.
INVALID CARTRIDGE			If you are replacing ink cartridges, check the package and product code. You must use the ink cartridges designed for your printer. Other cartridges will not work.

Error messages (continued)

Message	Light	Explanation	Response
FRONT COVER OPEN	Pause light on	Lower cover is open.	Close the lower cover.
INK COVER OPEN	Pause light on	You are replacing the ink cartridge(s) and the ink compartment cover is open.	Close the ink compartment cover when you are finished replacing the ink cartridge(s).
LOAD ROLL PAPER LOAD SHEET PAPER	Paper Out light on	Paper source setting in printer software is different from control panel.	Make sure the right paper is loaded and the paper source setting is the same on the control panel and printer software.
PAPER JAM	Paper Out light flashing	Paper has jammed in the printer.	Remove the jammed paper. See page 6-13 for more information.
PAPER NOT CUT	Paper Out light flashing	Roll paper was not cut completely.	Cut the paper manually, then remove the cut paper from the printer. Reload paper, as described on page 1-16.
		Cut paper did not fall off.	Remove the cut paper from the printer. Reload paper.
PAPER NOT STRAIGHT	Paper Out light flashing	Paper slipped and fed into the printer at an angle.	Reload paper, making sure the edges are straight and aligned with the vertical row of holes at the paper exit.
PAPER OUT	Paper Out light on	No paper is loaded.	Load paper.
		Paper ran out.	Remove any printouts or paper remaining in the printer and load more paper. If the message appears during a print job, reset the printer by pressing the Pause button for 3 seconds. Then load paper and resend the job.
RELOAD PAPER	Paper Out light on	Paper could not be reversed into the printing position.	Remove the paper. Reload it so that the bottom edge is straight and aligned with the vertical row of holes at the paper exit.
		Image is too wide for the paper loaded in the printer.	Resize your image or load wider paper.
		Paper is not fully ejected.	Cut the paper at the paper insertion slot, then reload paper.
		PAPER NOT CUT error was cleared.	Reload paper.

Error messages (continued)

Message	Light	Explanation	Response
UNABLE TO PRINT	—	You tried to print while an error condition was present or the ink compartment cover was open.	After 3 seconds the message disappears. Press the Pause button to exit SelecType mode. If the message appears again, clear the error before you print.
NOZZLE CHECK ERROR		The nozzle check pattern did not print correctly.	Press and hold the Cleaning button on the control panel for at least 3 seconds to begin cleaning the print head.
COMMAND ERROR		You're using the wrong printer driver.	Make sure you installed the correct driver for your printer: <ul style="list-style-type: none"> • Stylus Pro 10600DYE driver for Photographic Dye • Stylus Pro 10600CF driver for Archival ink • Stylus Pro 10600UC driver for UltraChrome ink
		Damaged data was sent to the printer.	To clear the data, press the printer's Power button to turn the printer off. Wait for about a minute, then turn the printer on again.
MAINTENANCE REQ.	—	A printer part will need to be replaced soon.	Note the error number and contact EPSON as described on page 3.
MAINTENANCE REQ 0100	—	The waste ink system is almost full.	Call an authorized EPSON servicer to schedule replacement of the waste ink system.
SERVICE REQ.	All lights flashing	An error has occurred.	Note the error number, and turn the printer off and then on. If the message remains, contact EPSON as described on page 3.
SERVICE REQ. 00000100	All lights flashing	The waste ink system is full.	Contact EPSON to have the waste ink system replaced.

Improving Print Quality

You can often improve print quality by doing the following:

- Run a nozzle check and cleaning cycle. See page 5-4 for instructions.
- Align the print head. See page 5-7 for instructions.
- When you send a print job, make sure your Media Type setting is correct for the type of paper you're using. For more information, see page 2-7.

If none of these suggestions help, try the solutions on the following page.

Print quality problems

Problem	Solution
Your print has banding (light or dark lines), or straight lines appear jagged or misaligned.	<ul style="list-style-type: none"> • Run a nozzle check and cleaning cycle. See page 5-4 for instructions. • Align the print head, as described on page 5-7. • To eliminate banding, choose 1440 dpi as your resolution. • If you're using cut sheet media, make sure the printable side is face up. • Check the Ink Out lights to see if you are low on ink. Replace ink cartridges if necessary, as described on page 5-10. • Use the EPSON printer driver and make sure the Media Type setting is correct for the media you're printing on. • Deselect the High Speed setting (for bi-directional printing) in your printer driver's Advanced dialog box. • Use the Paper Configuration menu to make any needed adjustments. See page 2-28 to access the settings from the control panel; if your printer uses UltraChrome ink, you can access the settings from the EPSON driver software (see page 3-10 for Macintosh or page 4-10 for Windows). <ul style="list-style-type: none"> • Try changing the Paper Feed Adjustment to tune out banding. • Decrease the Paper Suction level if you're printing on thin paper that's getting saturated with ink. • If printing occurs faster than your computer can send data, the printer may pause during a print job. This lets the ink dry, causing a discolored band when the job resumes. Increase the Drying Time to ensure that ink blends more smoothly. • Decrease the ink saturation level using the Color Density setting (UltraChrome printers only; see page 2-28). • If your paper is of unusual thickness, reset the platen gap (page 2-25) and profile your paper's thickness (page 2-29); if you have an UltraChrome printer and you know the paper's thickness, you can enter it directly (see page 2-28).
Colors are incorrect or missing.	<ul style="list-style-type: none"> • Make sure the Media Type setting in the printer software is correct for the media you're printing on. • If you're using cut sheet media, make sure the printable side is face up. • Run a nozzle check and cleaning cycle (see page 5-4). • Check the Ink Out lights to see if you are low on ink. Replace ink cartridges if necessary, as described on page 5-10. • Make sure color settings in your application or printer software are correct.

6-6 | Resolving Problems

Print quality problems (continued)

Problem	Solution
Your print has gaps or appears faint.	<ul style="list-style-type: none">• Check the expiration date printed on each of the ink cartridges. If the cartridge is too old, replace it as described on page 5-10.• Make sure the Media Type setting in the printer software is correct for the media you're printing on.• Run a nozzle check and cleaning cycle (see page 5-4).• Check the Ink Out lights and replace ink cartridges if your ink supply is low, as described on page 5-10.• The platen gap setting is too wide. Use the control panel to change the setting from WIDE to AUTO. See page 2-25 for instructions.• The paper configuration setting is too thick (for non-EPSON media). Try re-profiling your paper's thickness (page 2-29).
Your print appears blurry or smeared.	<ul style="list-style-type: none">• Make sure the Media Type setting in the printer software is correct for the media you're printing on.• You're using the wrong paper configuration setting (for non-EPSON media). Use the control panel to register and select your paper thickness and dry time. See page 2-28 for instructions.• Your paper doesn't meet the required specifications or contains too much moisture. Load new paper.• If you're using cut sheet media, make sure the printable side is face up.• Ink has leaked into the paper path. Wipe the paper path area of the printer with a soft, clean cloth. See page 5-23 for cleaning instructions.• Deselect the High Speed setting (for bi-directional printing) in your printer software's Advanced dialog box.• The platen gap setting is too narrow. Use the control panel to change the setting from NARROW to AUTO. See page 2-25 for instructions.• The paper configuration setting is too thin (for non-EPSON media). Try re-profiling your paper's thickness (page 2-29).• Run a nozzle check and cleaning cycle (see page 5-4).

Solving Operational Problems

If you can't turn the printer on, if it stops printing unexpectedly, or if nothing prints, check the following:

- The printer is turned on and the **Operate** light is on.
- Paper is loaded in the printer
- The printer is plugged securely into a working electrical outlet that's not controlled by a switch or timer.
- The interface cable is securely connected to the printer and your computer.
- The voltage supplied by the electrical outlet matches the voltage on the printer's rating label. If not, turn off the power and unplug the power cord immediately. Contact EPSON for assistance (see page 3).



To avoid damaging the printer, never plug it into an outlet with the wrong voltage.

If none of these suggestions help, try the solutions below:

Operational problems

Problem	Solution
The printer stops printing unexpectedly.	<ul style="list-style-type: none"> • If the Pause light is flashing, the printer is performing a maintenance procedure, waiting for data from the computer, or waiting for ink to dry. Check the display message and lights on the control panel. Wait until the Pause light stops flashing. • Check the display message and lights on the control panel to see if an error has occurred. Follow the instructions for the messages beginning on page 6-2.
The printer sounds as if it's printing, but nothing prints.	<ul style="list-style-type: none"> • Follow the instructions beginning on page 5-4 to clean the print head.
Nothing prints.	<ul style="list-style-type: none"> • Turn off the printer and computer, then unplug the printer from the AC outlet. Make sure the interface cable is securely attached, then plug the printer back into the AC outlet. Turn the printer and computer back on. • Make sure the interface cable meets the required specifications. See page 4 or 5. • Make sure the interface cable is directly connected to the computer without passing through a printer switching device, Zip™ drive, or extension cable. • If you are using Windows NT 4.0, try uninstalling the EPSON Printer Port. Click Start, point to Programs and EPSON Printers, then click EPSON Printer Port Uninstall. Follow the messages on the screen.
The printer performs long cleaning cycles.	<ul style="list-style-type: none"> • This is normal and occurs more often when the printer is new (while using the first ink cartridges) to condition the print head for reliable operation over the life of the printer.

Operational problems (continued)

Problem	Solution
Nothing prints (cont.)	<ul style="list-style-type: none"> The printer port setting doesn't match the printer connection port (Windows). <p>Windows Me, 98, or 95: Click Start, point to Settings and select Printers. Right-click the EPSON Stylus Pro 10600 icon, then select Properties. Click the Details tab. Make sure your printer driver is selected in the Print using the following driver list. Then select the port to which your printer is connected in the Print to the following port list.</p> <p>Windows XP: Click Start, then select Control Panel. Double-click Printers and Other Hardware, then Printers and Faxes. Right-click the icon for your printer, then select Properties. Click the Ports tab and make sure your printer port is selected.</p> <p>Windows 2000 or NT 4.0: Click Start, point to Settings, and select Printers. Right-click the EPSON Stylus Pro 10600 icon, then select Properties. Click the Ports tab and make sure your printer port is selected.</p> The printer driver doesn't have enough available memory (Macintosh). Quit all unnecessary applications. To increase the available memory in your Macintosh, select Control Panel from the Apple menu and double-click the Memory icon. You can increase the size of virtual memory to increase total available memory. Follow the directions beginning on page 6-14 to uninstall your printer software. Then locate your printer software CD-ROM and reinstall the software.

Solving Miscellaneous Printing Problems

If your printouts are not what you expected, try the suggestions below:

Miscellaneous printing problems

Problem	Solution
Your print has incorrect or garbled characters.	<ul style="list-style-type: none"> Make sure your software is installed correctly and the printer is selected. If you are using Windows NT 4.0, try uninstalling the EPSON Printer Port. Click Start, point to Programs and EPSON Printers, then click EPSON Printer Port Uninstall. Follow the messages on the screen. Clear any stalled print jobs from Monitor3 (Macintosh) or Spool Manager (Windows). Turn off the printer and computer. Make sure the interface cable is securely plugged in at both ends.

Miscellaneous printing problems (continued)

Problem	Solution
Your print has incorrect margins.	<ul style="list-style-type: none"> • Check the page size or paper size settings in your application. Make sure they are within the printer's printable area. • Make sure the Paper Size setting in your printer software is correct for the paper you're using. • Paper is loaded incorrectly. Follow the instructions in chapter 2 to reload the paper. • The ROLL MARG (roll paper margin) setting on the control panel is incorrect. If you're using roll paper, check the setting as described on page 2-26.
Your image is inverted.	<ul style="list-style-type: none"> • Turn off the Flip Horizontal setting in your printer software. See page 3-7 (Macintosh) or 4-8 (Windows) for instructions.
Blank paper is printed.	<ul style="list-style-type: none"> • Make sure your software is installed correctly and the printer is selected. • Make sure the Paper Size setting in your printer software is correct for the paper you're using. • Make sure the Paper Source setting in your printer software is correct.
A ruled line on your print appears to shift.	<ul style="list-style-type: none"> • Align the print head as described on page 5-7.
The bottom edge of your print is smeared.	<ul style="list-style-type: none"> • The paper is curled toward the printable side. Flatten the paper or curl it toward the other side. • Make sure the Media Type setting in your printer software is correct for the media you're printing on. • You're using the wrong paper configuration setting (for non-EPSON media). Use the control panel to register and select your paper thickness. See page 2-29 for instructions. • The platen gap setting is incorrect. Use the control panel to change the setting from AUTO to WIDE. See page 2-25 for instructions.
Color images print in black only.	<ul style="list-style-type: none"> • Make sure your software is installed correctly and the printer is selected. • Make sure color printing is selected in your printer software.
The printer continues to feed paper after you have cancelled a job.	<ul style="list-style-type: none"> • Press the Pause button on the printer to clear any print job data in the printer's buffer. Then press and hold the Pause button to reset the printer.
Too much roll paper feeds through the printer.	<ul style="list-style-type: none"> • When using roll paper, do not select Sheet as the paper source on the printer's control panel or in your printer software.

Miscellaneous printing problems (continued)

Problem	Solution
Roll paper cannot be cut.	<ul style="list-style-type: none"> • The paper cutter blade may be dull. Follow the instructions on page 5-20 to replace the blade. • The paper may be too thick to cut with the built-in cutter. Cut the paper by hand with scissors or the optional utility cutter. • The paper may not be ejecting properly. Make sure the Roll Auto Cut light on the control panel is on. Press the Paper Source button if necessary, and then press the Cut/Eject button.
Printing is too slow.	<ul style="list-style-type: none"> • Choose a lower resolution in your printer software for faster printing. • Clear space on your hard drive or run a defragmentation utility. • Don't run too many applications at the same time. • Turn off virtual memory. • Add RAM to your system. • If you have a Macintosh, turn off background printing. If you want to continue using background printing, select EPSON Monitor3 and increase its memory requirements. • If you're running Windows and your computer supports ECP or Enhanced mode and/or DMA transfers, turn them on to speed up printing. See your computer documentation and page 1-34 for more information.



When both 2-inch and 3-inch spindles are loaded, place the 3-inch spindle in the upper position and 2-inch spindle in the lower position. This keeps the paper being fed from the upper roll from rubbing against the lower roll.

Be sure to wrap one of the roll paper belts around the roll you're not using. See page 2-18.

Solving Paper Problems

If paper feed or paper jam problems occur frequently, try one or more of the following solutions:

- When you're loading roll paper, make sure you line up the edge with the vertical row of holes at the printer's paper exit. Always turn the roll back to remove the slack. See page 2-12 for more information.
- If you're not using a roll of paper that's installed in the printer, secure it with the roll paper belt. See page 2-18 for more information.
- Do not attempt to keep in the printer more than one 3-inch core paper roll at a time.
- For cut sheet paper, let the printer automatically load your paper so that it feeds correctly. Follow the instructions on page 2-19.

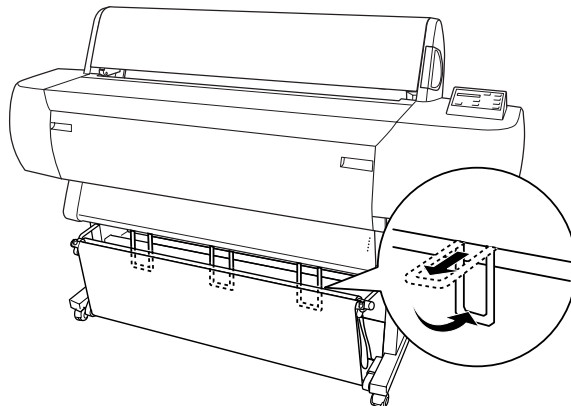
- For posterboard, follow the instructions on page 2-20 to load the media correctly.
- Make sure the paper is not folded, wrinkled, or damp.
- Make sure the printer's environment falls within the required temperature and humidity range.
- Make sure the paper is not too thick or too thin. See page 2-2 for paper specifications.
- Make sure no foreign objects are inside the printer.
- Make sure the printer isn't located in a brightly lit area (for example, next to a sunny window). The paper sensors may not be able to operate correctly.
- Make sure the **Paper Source** setting on the printer's control panel and in the printer software are correct.
- Make sure the platen gap setting is correct for the paper or media you're printing on. See page 2-25 for more information.
- If you're not using EPSON media, make sure you register and select your paper's thickness. See page 2-29 for more information.

Solving Roll Paper Feed Problems

If your roll paper is curled too tightly and doesn't feed out of the printer, you can use the three paper guides. Extend the guides as shown below:

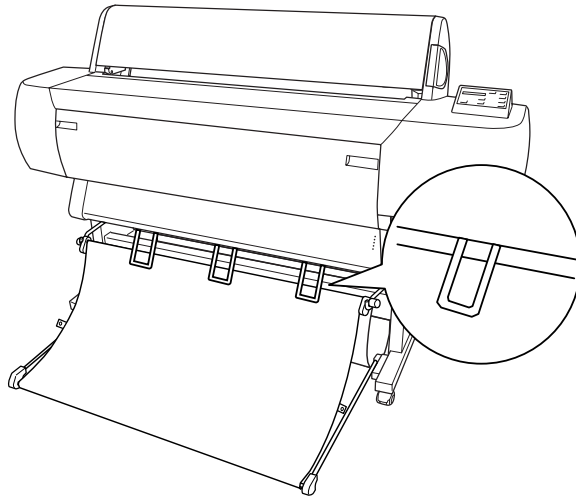


Use the paper guides only if paper is curled and doesn't feed properly. Otherwise, the paper guides may damage your prints.

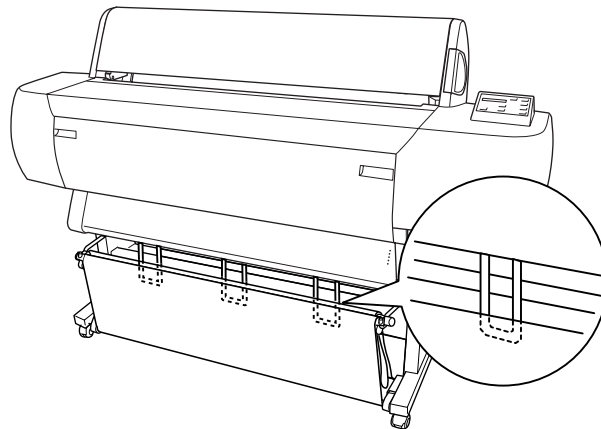


6-12 | Resolving Problems

- If you have the paper basket set up in front of the printer, extend the paper guides out so they rest on the front of the basket.



- If you have the paper basket set up below the printer, extend the paper guides so they hang behind the basket.



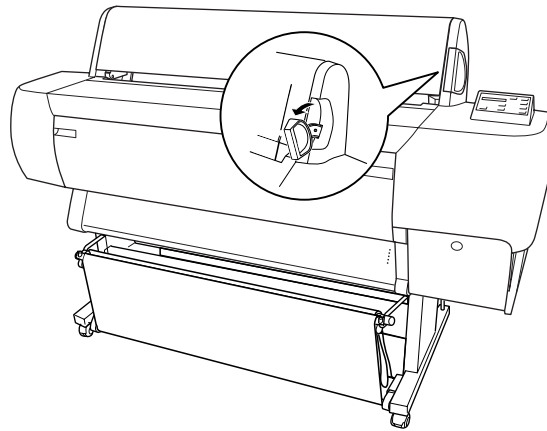
Clearing Paper Jams

When paper gets jammed in the printer, printing stops and you see a **PAPER JAM** message on the control panel display. Follow these steps to clear paper jams:

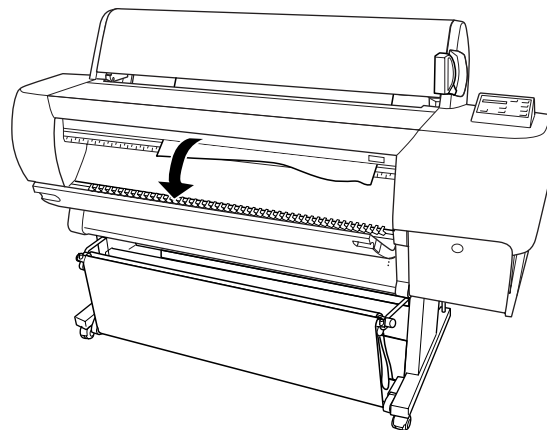
1. If roll paper is jammed, open the roll paper cover and cut it by hand slightly above the paper insertion slot.
2. Pull the paper set lever out to release the jammed paper.



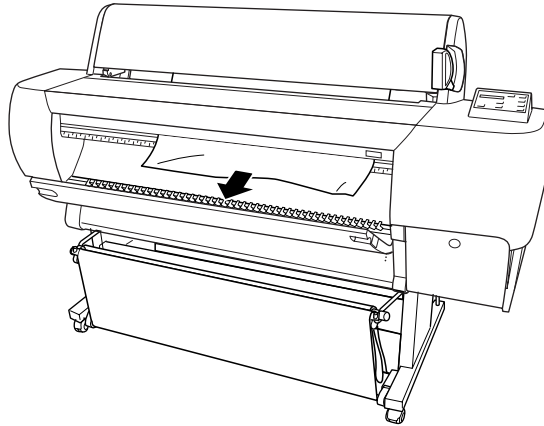
To avoid damaging the printer, never move the paper set lever while the **Operate** or **Pause** light is flashing.



3. Open the lower cover if necessary.



4. Carefully pull down the jammed paper. **TURN PWR OFF AND ON** is displayed on the control panel.




5. Close the lower cover, if necessary, then press the **Power** button to turn the printer off. Press it again to turn it back on.
6. Make sure the **Paper Out** light is on and **LOAD PAPER** is displayed on the control panel. Then reload your paper.

Uninstalling and Reinstalling the Printer Software


If you need to uninstall and then reinstall the printer software for any reason, follow the instructions in the appropriate section below.

Macintosh

1. Insert your printer software CD-ROM. Then double-click the CD-ROM icon to open it, if necessary.
2. Double-click the  icon.
3. Double-click the option for your printer.
4. Click **Continue** on the next screen.
5. Click **Accept** on the license agreement screen.

6. On the installer screen, click the arrow in the Easy Install list at the top and select **Uninstall**. Then click the **Uninstall** button at the bottom and follow the on-screen instructions.
7. If you want to reinstall your printer software, restart your Macintosh. Then follow the instructions beginning on page 1-26 to reinstall your printer software.

Windows

1. Double-click  **My Computer**, then double-click the **Control Panel** icon. (On Windows XP, click **Start**, then **Control Panel**.)
2. Double-click **Add/Remove Programs**. Click **EPSON Printer Software** in the program list, then select your printer icon.
3. Click the **Add/Remove** button (**Change/Remove** button in Windows XP or 2000) and follow the on-screen instructions.
4. If you're using the USB port in Windows 98 or Me, click **EPSON USB Printer Devices** in the program list; then click the **Add/Remove** button.
5. If you want to reinstall your printer software, restart your computer. Then follow the instructions beginning on page 1-29 to reinstall your printer software.

Appendix A: Specifications

Printing



Additional specifications are provided in the *Reference Guide* included on the CD-ROM that came with your printer.

Printing method	6-color EPSON Photographic Dye ink, Archival ink, or UltraChrome ink UltraChrome ink model switchable between two black ink modes: <ul style="list-style-type: none">• Photo Black• Matte Black
Nozzle configuration	180 nozzles × 6 (black, cyan, magenta, yellow, light cyan, light magenta)
Maximum print speed	190 ft ² per hour
Maximum resolution	1440 × 720 dpi
Engine reliability	
Total print volume until required maintenance	20,000 B0 images (720 × 360 dpi, bi-directional), or 4.8 million print head passes
Print head life	28 billion dots per nozzle
Cutter blade life (user replaceable)	Approximately 2,000 B0+ sheets (EPSON media up to 4.33 mil thick)
Maintenance parts	Waste ink tank, pump unit, flushing box, head cleaner, cap assembly; require replacement approximately twice during printer life
Print direction	Bidirectional/unidirectional
Control code	EPSON ESC/P® Raster Photographic Driver
Paper feed speed	215 ± 10 milliseconds per 1/6-inch line
Line spacing	1/6 inch or programmable in 1/720-inch increments
RAM	128MB (fixed)

Environmental

	Operation	Storage	Transit (stored in shipping container)
Temperature	50 to 95 °F (10 to 35 °C)	–4 to 104 °F (–20 to 40 °C)	–4 to 140 °F (–20 to 60 °C) (120 hours at 140 °F, 1 month at 104 °F)
Humidity (without condensation)	20 to 80% RH	20 to 85% RH	5 to 85% RH

Dimensions and Weight

Height	48.2 inches (1225 mm)
Width	73.4 inches (1865 mm)
Depth	28.0 inches (710 mm)
Weight	284 lb (129 kg), with stand

Electrical

Specification	Description
Input voltage range	120 V (90 to 132 V) or 220 V (208 to 264 V)
Rated frequency range	50 to 60 Hz
Input frequency range	49 to 61 Hz
Rated current	1.4 A at 120 V 0.7 A at 220 V
Power consumption	Approx. 131 W (ISO 10561 letter pattern) 30 W or less in sleep mode

Check the label on the back of your printer for voltage information.

Printer Interfaces

- USB (1.1 compatible)
- Ethernet network (10/100 Base T)
- Parallel (IEEE-1284 ECP Mode)
- IEEE 1394 (FireWire), two ports

Safety Approvals

Safety standards	UL 1950, CSA 22.2 No. 950 FDA
EMC	FCC part 15 subpart B, class A, CSA C108.8 class A

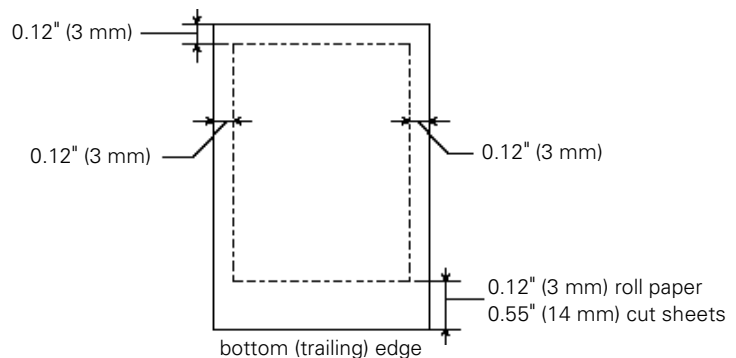
Paper

Maximum paper width	44.02 inches (1118 mm)
Maximum printable area	<ul style="list-style-type: none"> Length up to 100 feet (limited by roll length and software application) Width up to 43.78 in. (1112 mm)
Weight range	12 lb bond up to 1.5 mm posterboard
Roll paper compatibility	Handles both 2- and 3-inch cored media
Maximum roll paper diameter	4 inches (2-inch core) or 6 inches (3-inch core)

Poor quality paper may reduce print quality and cause paper jams or other problems. If you encounter problems, switch to a higher grade of paper. Do not use curled, folded, or deckle-edge paper.

Printable Area

Minimum margins for roll paper and cut sheets:



Default roll paper margins are 0.55 inches (14 mm) top and bottom, and 0.12 inches (3 mm) right and left. Using the printer software, you can set either all the margins, or just the left and right margins, to 0.12 inches (3 mm).

Ink Cartridges

Cartridge life

Photographic Dye	2 years from production date; within 2 years after opening package
UltraChrome and Archival ink	2 years from production date if unopened; within 6 months after opening package

Temperature

Storage (uninstalled)	-22 to 104 °F (-30 to 40 °C); 1 month at 104 °F
Storage (installed)	-4 to 104 °F (-20 to 40 °C); 1 month at 104 °F
Transit	-22 to 140 °F (-30 to 60 °C); 1 month at 104 °F, 120 hours at 140 °F
Freezing	5 °F (-15 °C); ink thaws and is usable after at least 3 hours at 77 °F (25 °C)

Capacity	500 ml
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